



Document Imaging Scanner

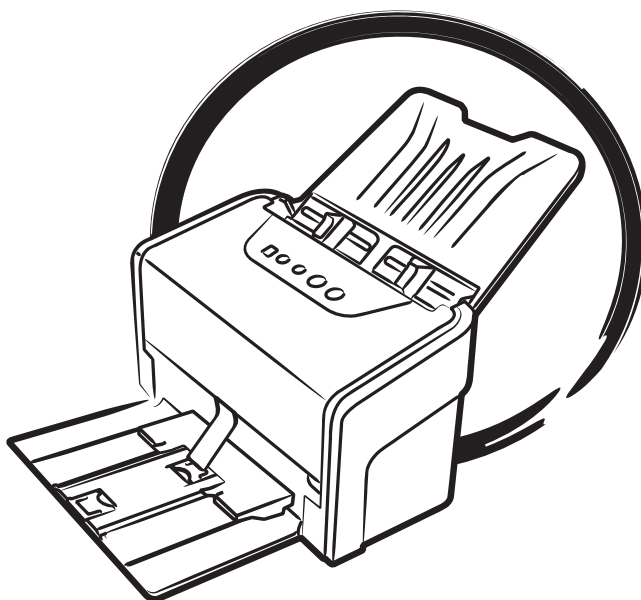
ArtixScan*DI* 6240S

ArtixScan*DI* 6250S

ArtixScan*DI* 6260S

ArtixScan*TS* 630S

User's Manual



Preface

Copyright

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Disclaimer

The contents of this manual have been checked carefully for accuracy, and every effort has been made to ensure that there are no errors. However, Microtek makes no guarantee as to the accuracy of the contents of this document and reserves the right to make changes to the contents without prior warning.

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FCC Compliance Statement

This equipment (Model: MSS-1200A4L) has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: A shielded Hi-Speed USB interface cable with ferrite core installed on the scanner connector end must be used with this equipment.

Caution: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Safety Precautions

Before using your scanner, read the following safety guides carefully, which detail the proper operation of the scanner and its accessories to prevent injuries or damage to users or equipment.

Power Source and AC Power Cord:

- Use a power source only with a power rating specified on the marking label.
- Insert the plug completely into the outlet, as a loose connection may cause arcing and result in fire.
- Place and route the power supply cord such that it is not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord near the power plugs, convenience receptacles, and at the point where it exits from the outlet.
- When the scanner is left unattended and unused for long periods of time, unplug it from the wall outlet.

Moving and Storing the Scanner:

- Do not place the scanner on any slippery, slanted, or unstable surface. The product may slide or fall, causing serious injury to people as well as serious damage to the product.
- Do not use this scanner near water. Never spill liquid of any kinds on the product, or it may result in electric shock or other hazards.
- This scanner should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Service:

- When you need a repair service, unplug the scanner from the power outlet and consult qualified service personnel.
- When replacement parts are required, use replacement parts that are specified by the manufacturer or have the same characteristics as the original parts.

Table of Contents

Preface	2
FCC Compliance Statement	3
Safety Precautions	4
Knowing about Your Scanner	7
Features of Your Scanner	7
Installation Requirements	9
Taking a Closer Look	10
Front/Top View	10
Open/Back View	11
Initial Setup	12
Step 1: Unpacking Package Contents	12
Step 2: Installing the Software	13
Step 3: Opening Feed Tray & Output Tray	14
Step 4: Connecting the Scanner	16
To the Power Adapter	16
To the Hi-Speed USB Cable	16
Connecting to an External USB Device	18
Positioning Documents	19
To Load a Stack of Documents	19
Paper Stopper and Paper Stabilizer Notice	21
To Load Cards	23
Document Notices	24
Scanning Documents	25
Using ScanWizard DI	25
Scanning a Single-sheet Document	25
Scanning a Stack of Documents	28
Scanning Documents with Barcodes	30
Scanning Documents Directly to a PDF	32
Utilizing Scanned Documents	32
Scanning for Archiving	33
Scanning for OCR	36
Scanning for PDF	37
Scanning for E-mail	38

Scanning for Copying	39
Scanning for Card	40
Scanner Buttons	41
Customizing the Function Button	41
How the Scanner Buttons Works	43
Care and Cleaning	44
Cleaning the Scanner Glass Surfaces	44
Cleaning the Rollers	45
Cleaning the Sensors	46
Cleaning the Recesses of the Roller Cover	47
Maintenance	48
Replacing the Separation Roller Assembly	48
Replacing the Feed Roller Assembly	50
Appendix	53
Fixing Paper Jams	53
Troubleshooting	54
How to Scan the Document Using the Document Sheath (Optional)	56
Specifications of ArtixScan DI 6240S	58
Specifications of ArtixScan DI 6250S	59
Specifications of ArtixScan DI 6260S	60
Specifications of ArtixScan TS 630S	61

Knowing about Your Scanner

The scanner (ArtixScan DI 6240S/6250S/6260S and ArtixScan TS 630S) is a sheet-fed color document scanner with an built-in automatic document feeder (ADF) that can hold up to 100 sheets of papers for the unattended volume scanning. It features optical resolution of 600 dpi, duplex (double-sided) scanning, and extra long page support. As well, the scanner is designed with USB hub capability.

Features of Your Scanner

The scanner comes with several important features, including the following:

- **Energy-saving LED light source:** Adopting LEDs as the light source, when the scanner is detected by the system, there are no requirements for any warm-up time before carrying out the scan, which boots your productivity and reduces energy costs amazingly. With its stable performance, the image quality will remain consistent even after used for a certain period of time.
- **Ultrasonic Double-feed Detection** — Equipped with an ultrasonic detector, the scanner is able to detect the thickness between overlapping pages and to prevent multiple pages from being fed together, efficiently preventing the happens of mis-feed or double-feed when delivering papers through the feeder.
- **Chic and Easy-to-access programmable function button** — The scanner is equipped with one Select, One Scan/Stop and one Favorite buttons located on the top of the scanner, used to automate a number of customized and predefined operations, allowing you an intuitive and easy way to access scanner functions.
- **Additional USB hub ability** — The scanner with embedded USB hub allows you to connect an external USB device such as Microtek's flatbed scanners, storage devices, and hard drives, using Universal Serial Bus technology to a single USB port.
- **Duplex scanning support** — Allows to scan both sides of a document in a single pass. With this feature, the scanner can handle up to 120 ipm (ArtixScan DI 6260S), 100 ipm (ArtixScan DI 6250S), or 80 ipm (ArtixScan DI 6240S) in color, grayscale and black & white at 200 dpi. Please note that the ArtixScan TS 630S only supports simplex document scanning.
- **Superb ability to handle documents in versatile materials** — The scanner lets users easily digitize credit cards, business cards, bank statements, legal documents, insurance papers, and medical records in just seconds.
- **Automatic document feeder with card scanning** — The automatic document feeder can hold up to 100 sheets of papers at a time, supporting paper sizes range from 2.75" x 3.149" (70 mm x 80 mm) to 8.85" x 118" (225 mm x 3000 mm). Please note that ArtixScan TS 630S only supports the length up to 8.85" x 25" (225 mm x 635 mm).

- New and Advanced Microtek ScanWizard DI software — All-in-one control panel offers a host of features and image adjustment controls. It comes out several distinguished advantages:
 - Quick Scan — This feature enables the scanner to scan and save the images directly as a single PDF file, no more comprehensive settings required.
 - Auto Document Rotation — With this feature, the scanner automatically rotates every saved files in a readable direction based on a specific OCR language selected.
 - Smart Threshold — This feature enables the software to specify the best level for a threshold used in high-contrast and black-and-white images automatically, improving the clearance and readability of black-and-white documents.
 - Combine Images — This feature enables the software to merge two separate images as one united image. With this function, you do not need other after-scan editing program to modify your scanned documents.
 - Smart Document Enhancement — With this feature, the scanner automatically brings out and improves readability of text and removes unwanted background color (i.e., green, red, or blue) in/from a document that includes multi image elements.
 - Barcode Separator — With this feature, you can batch scan documents without starting and stopping each time a new file begins by using barcode numbers on the documents. It saves you huge amounts of time and money to organize, to index and to search files of documents in seconds, enhancing the efficiency and productivity of file management.
 - Remove Blank Page — With this feature, blank pages are automatically detected and removed by the software when scanning a stack of documents. This function is quite helpful especially when users are scanning double-sided documents and some of the pages only have text on the front side.
 - Remove Punch Hole — With this feature, the software automatically detects the location of the punch holes on the scanned documents and fills them in white. This function works for most common hole puncher standards.
 - Save multiple images as a single file : This advanced feature allows user to save multiple scanned images as a single file, depending on the number of the scanned images that are defined for document archival.
 - Auto-crop and auto-deskew : The auto-crop function automatically detects the size of the original image, crops the full scan frame to fit the image, and removes unwanted black borders. The auto-deskew function automatically corrects distorted images for proper alignment.

- Color dropout : Red, green and blue colors can be dropped out to allow for clearer and more accurate forms processing with problematic color documents number of the scanned images that are defined for document archival.

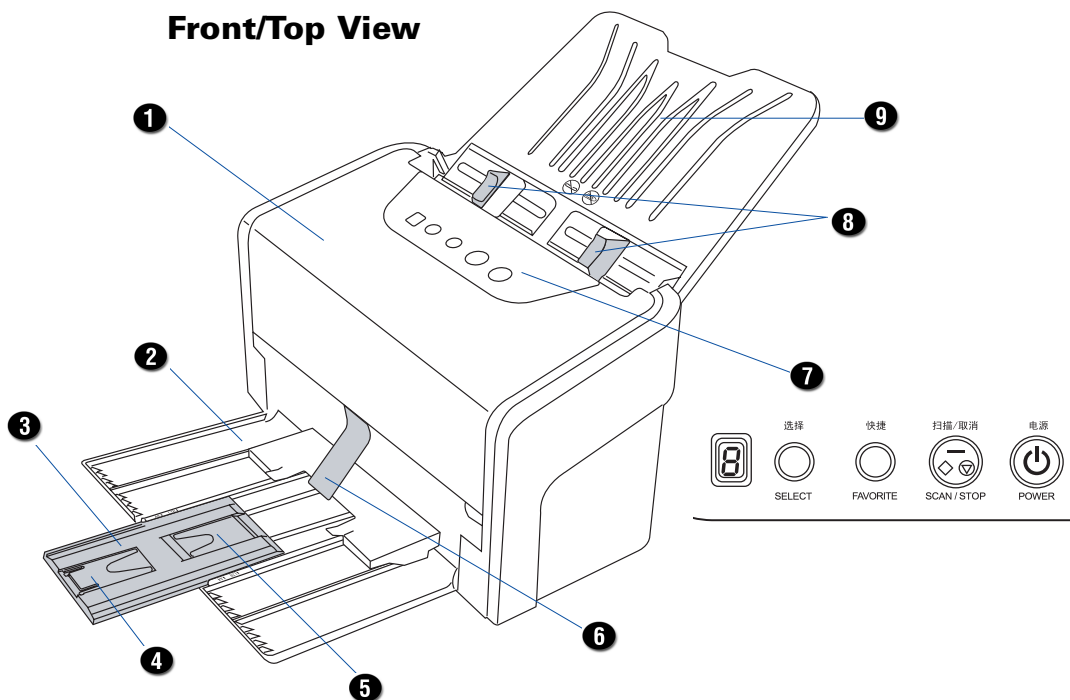
Installation Requirements

In order to use your scanner, your computer must satisfy the following system requirements:

- CD-ROM/DVD-ROM drive (for installing software)
- Color display with 24-bit color output capability
- 1 GB RAM or more (2 GB is recommended)
- Intel Core2 Duo Processor at 2.1 GHz PC or higher with a SATA2/SATA3 at 7200 rpm HDD or SSD (recommended); Intel-Based Mac computer with built-in USB port
- Windows XP/XPE/Vista (32-bit/64-bit)/Windows 7 (32-bit/64-bit), Windows 8; Mac OS X 10.6 or later

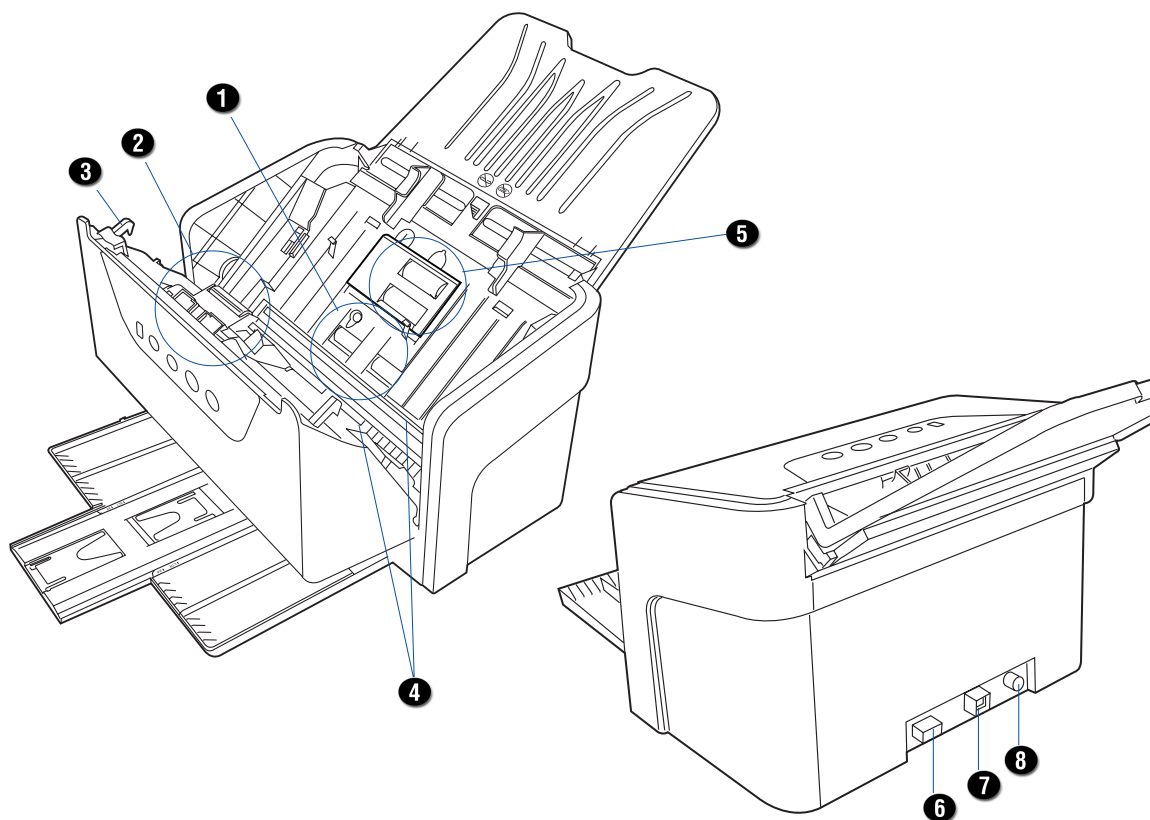
Taking a Closer Look

Front/Top View



No.	Names of Parts	Functions of Parts
1	Scanner Cover	Used to cover the inner parts of the scanner.
2	Document Output Tray	Stores the stacked documents which have been scanned.
3	Output Tray Extender	Used to extend the length of the Document Output Tray.
4	Paper Stopper (1)	Stops a stack of the output documents.
5	Paper Stopper (2)	Stops a stack of the output documents.
6	Paper Stabilizer	Used to keep a stack of the output documents with different sizes neatly in the Document Output Tray.
7	Button Panel	<ul style="list-style-type: none"> • Power Button Turns the scanner on or off. • Select Button Toggles through the numbers of predefined function buttons. • Scan/Stop Button Starts scan immediately or cancel a ongoing scan job. • Favorite Button Activates the function associated with the Favorite button that was defined in the "Save Settings to Function Button" dialog box. • LED Display Displays the selected function button number.
8	Guide Arms	Slides to hold a stack of documents.
9	Document Feed Tray	Holds the documents to be fed into the feeder.

Open/Back View



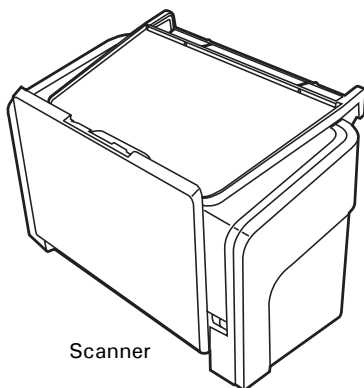
No.	Names of Parts	Functions of Parts
1	Output Rollers	Used to eject documents after scanning.
2	Separation Roller Assembly	Used to separate each sheet of documents when a stack of documents are fed into the feeder.
3	Release button	Lifts up to open the scanner cover.
4	Glass Surfaces	The places where the CCD cartridges are stored.
5	Feed Roller Assembly	Used to feed documents into the feeder.
6	Hi-Speed USB Port (2)	Connects the Hi-Speed USB (USB 2.0) cable to another flatbed scanner.
7	Hi-Speed USB Port (1)	Connects the Hi-Speed USB (USB 2.0) cable to the computer.
8	Power Connector	Connects the scanner to the power adapter.

Initial Setup

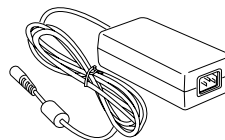
After unpacking your scanner package, follow the steps in order for a quick and easy installation process.

Step 1: Unpacking Package Contents

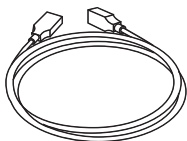
After unpacking your scanner package, please check for the major components listed below.



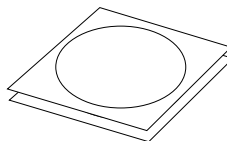
Scanner



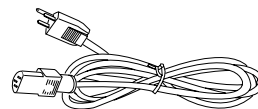
Power Adapter



Hi-Speed USB Cable



Software CDs/DVDs



Power Cord

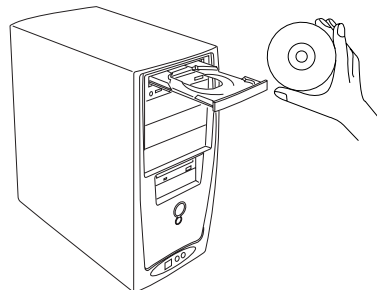
Step 2: Installing the Software

Important: Always close any open programs and turn off Anti-virus utilities before installing software.

PC:

1. Turn on your computer.
2. Place the **Microtek Software CD/DVD** into a drive.
3. Follow the on-screen instructions to install the driver and software.

Note: If the Microtek Software Installer screen does not come up automatically, double-click the following in succession: "My Computer"; the CD-ROM (or DVD-ROM) icon; then cdsetup.exe to start the installer program.



4. Click **EXIT** on the Microtek Software Installer screen when all the software has been installed.
5. Restart your computer.

MAC:

1. Turn on your computer.
2. Place the **Microtek Software CD/DVD (ScanPotter)** into a drive, and double-click the **ScanPotter** installer icon to install ScanPotter.
3. Install the remaining software components, then restart your computer at the end of all software installation.

Note: After rebooting your Macintosh, the Microtek software will attempt to locate your scanner on the system. Since this is your first install and you have not yet connected the scanner, simply ignore the message that appears and proceed to the next step.

Drivers & Software Upgrades

After you finish the installation of software, if you found that the installed drivers and software cannot run your product or your computer system properly later, please go to the Microtek **Download Service** site at www7.microtek.com.tw/service.php to download and install any updates you may require.

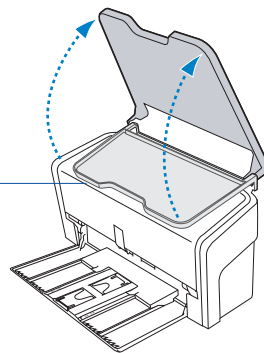
For additional information about Microtek products, please visit our website at www.microtek.com.

Step 3: Opening Feed Tray & Output Tray

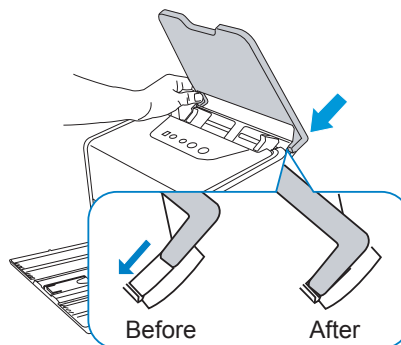
Open Document Feed Tray

1. Lift up the Document Feed Tray to the highest level which can be opened.

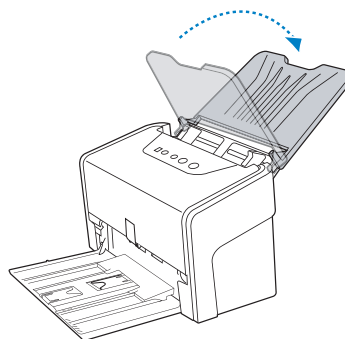
Document Feed Tray



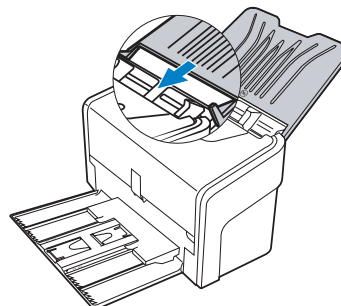
2. Along the tracks of the two sides of the Document Feed Tray, slide the feed tray **down** until the supporters of the tray touch the bottom edge of the tracks.



3. Tilt the Document Feed Tray backwards in the direction as arrow shown to fully open the tray.

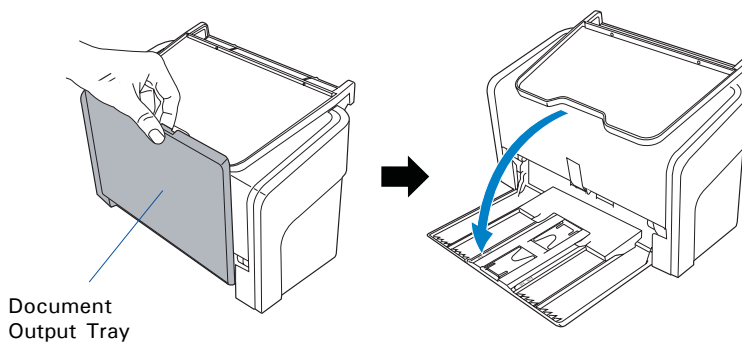


4. Along the tracks of the two sides of the tray, slide the feed tray down until it locks in place.

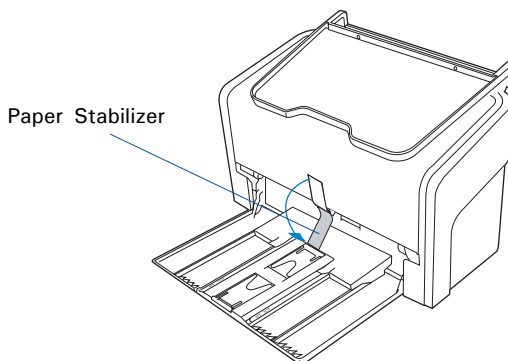


Open Document Output Tray and Paper Stabilizer

Bring down the Document Output Tray from the top towards the direction as shown in the graph.



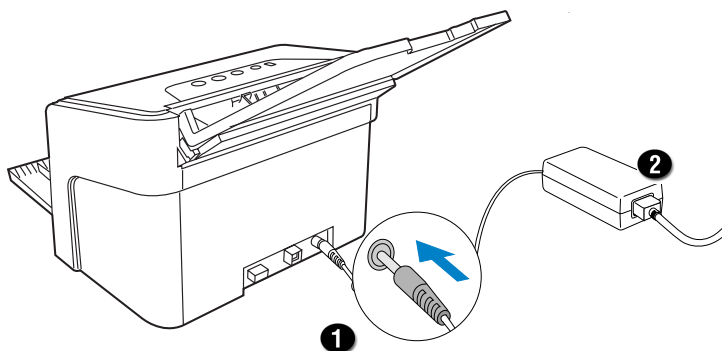
Then, locate the Paper Stabilizer located at the bottom of the scanner cover. Lower it down gently from the top towards the direction as shown in the graph.



Step 4: Connecting the Scanner

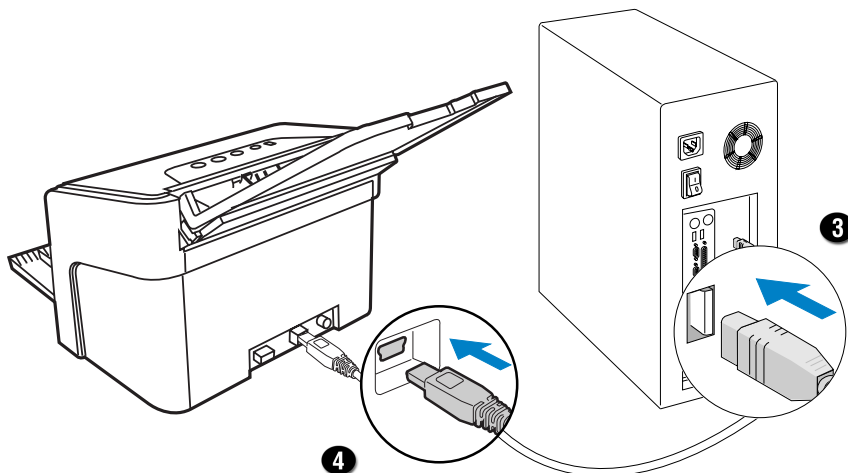
To the Power Adapter

1. Connect the power adapter to the back of the scanner.
2. Plug one end of the power cord into the power adapter, and plug the other end of the power cord into a wall outlet or other power source.



To the Hi-Speed USB Cable

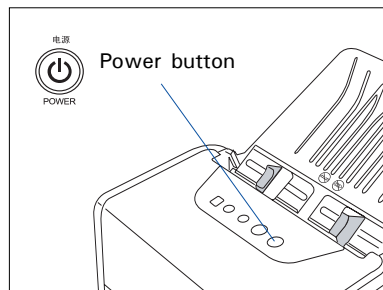
3. Connect one end of the Hi-Speed USB cable to your computer.
4. Connect the other end of the Hi-Speed USB cable to the scanner's USB port (1).



5. Press and hold the Power button (🔌) until the orange LED lights on.

Once the scanner is powered on, the green LED will be lighted up, and the 7-segment LED display (SSD) will also be activated as well.

The system will detect the scanner automatically.



Connecting to an External USB Device

The scanner comes with two USB ports, one is used to connect with the computer, and the other is used to connect with an external USB device such as an USB storage device or USB hard drive.

1. Follow the procedure (Steps 1 through 4) for “Initial Setup” section to connect your scanner first.
2. Connect an external USB device to your scanner.
3. Turn on your computer.

The system will start to locate your external USB device. When the external USB device is found, the found USB device appears on the device list, indicating your external USB device is ready for use.

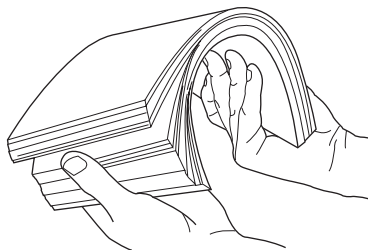
Note: Your scanner has to be connected to your computer and plugged into a power source first, and then both of them need to be powered on. At this moment, the external USB device connected through the scanner may be detected and work properly.

Positioning Documents

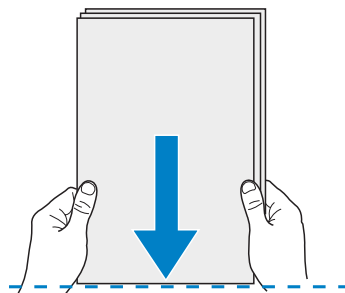
This section shows you how to position a stack of documents and hard cards, including embossed cards into the feeder.

To Load a Stack of Documents

1. Fan the stack of papers to be scanned before putting them onto the Document Feed Tray.



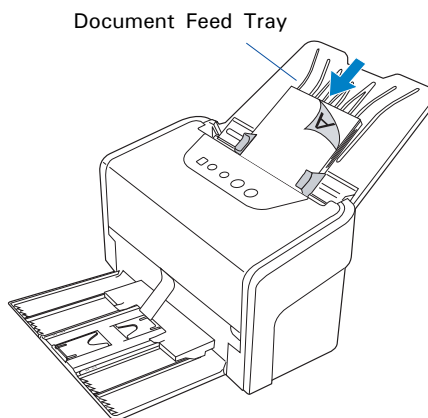
2. Align the top edges of the papers neatly.



3. Load the stack of papers onto the Document Feed Tray, with the side to be scanned facing down and the top edge facing toward the feeder.

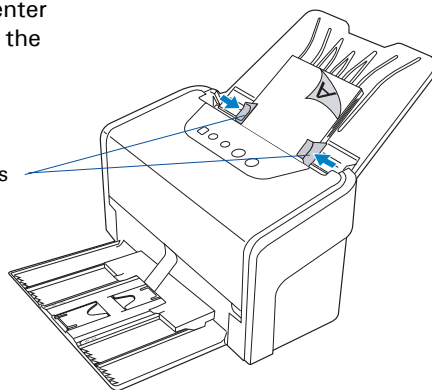
Push the stack of papers into the tray until the paper's edge touches the bottom edge of the feeder.

WARNING: The document feeder is not designed for scanning photos; doing so may damage your originals. Microtek accepts no responsibility for damage that may arise from misuse of equipment.



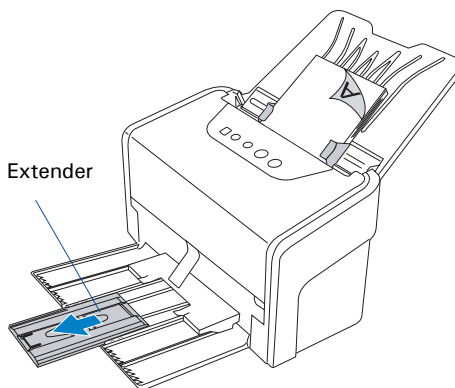
4. Align the stack of originals with the center of the Document Feed Tray by sliding the two Guide Arms toward the stacked papers if needed.

Guide Arms

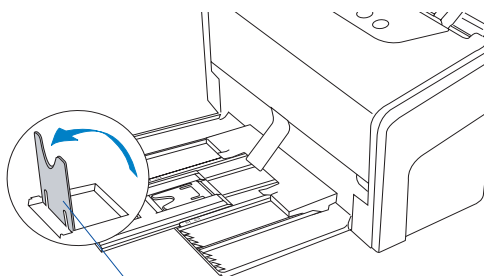


5. Pull out the Output Tray Extender to carry the longer paper if needed.

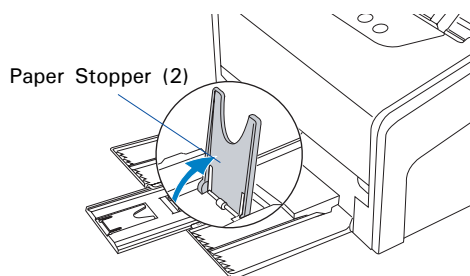
Output Tray Extender



6. Lift up either of two Paper Stoppers to keep a stack of output papers stay neatly and tightly inside the Document Output Tray if needed.



Paper Stopper (1)

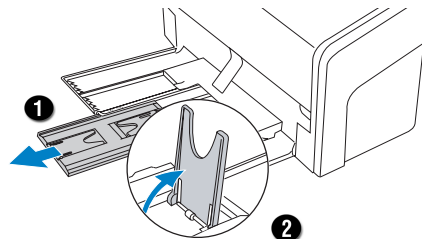


Paper Stopper (2)

Paper Stopper and Paper Stabilizer Notice

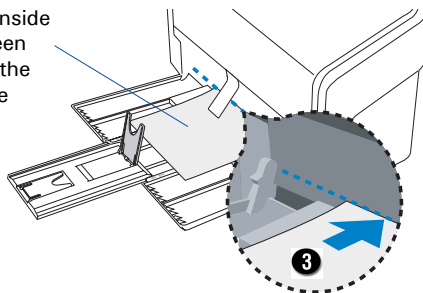
The Paper Stopper is designed to prevent the paper stacks falling in a mess after they were scanned and output into the output tray. Before scanning a stack of papers, please follow the steps below to fix the Paper Stopper into the right position in the tray, in order to keep output papers stay neatly in the tray after the scan.

1. Pull out the Output Tray Extender.
2. Lift up either the Paper Stopper 1 or 2, depending on the length of the paper.
3. Take out one piece of paper from the



stacks and put it in the output tray, laying it completely flat and bringing the top or bottom edge of it into contact with the bottom of the scanner.

Load the paper inside the space between the stopper and the output slot of the scanner.

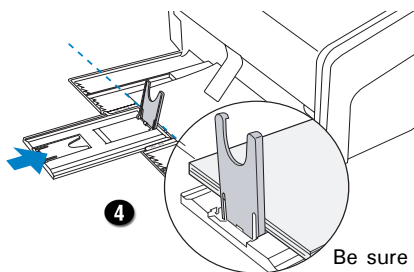


Align the paper against the side of output slot located at the bottom of the scanner.

4. Push back the Output Tray Extender until the Paper Stopper touches the edge of the paper.

Finally, load the papers to be scanned into the feed tray to start your scanning.

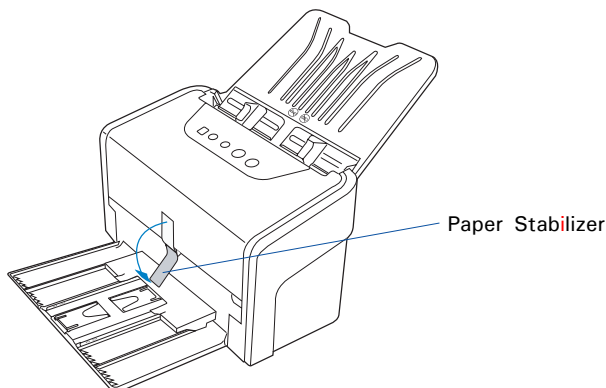
NOTE: The settling position for the Paper Stopper on the tray must be equivalent to the length of the paper. Incorrect positioning of the Paper Stopper will result in disorders and mess for the after-scanned outputs.



Be sure the stopper is lightly against the edge of the paper.

The Paper Stabilizer located at the bottom of the scanner cover is majorly designed to keep the stability for the paper stacks when they fall into the output tray from the output slot of the scanner. It is very helpful to scan documents with mixed paper sizes.

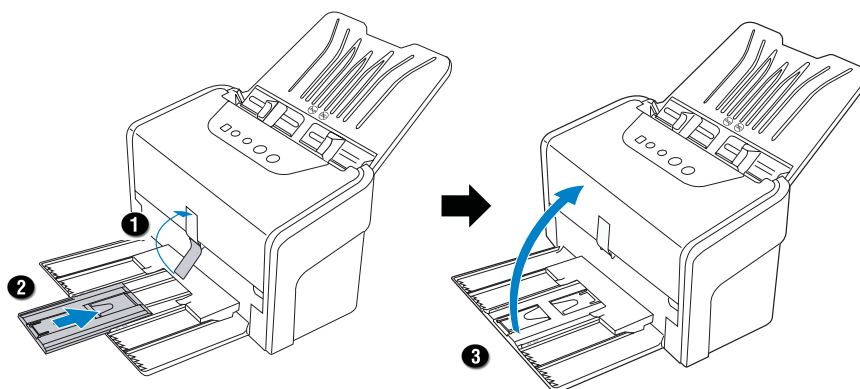
To open it, bring it down gently from the top towards the direction as shown in the graph.



Note: If the papers to be scanned are too thin, please do not bring down the Paper Stabilizer.

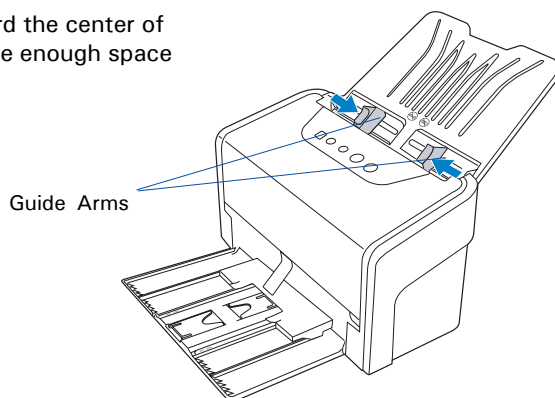
In case if needed to close the Document Output Tray, please remember to follow the steps bellow:

1. Bring up the Paper Stabilizer.
2. Then, push back the Output Tray Extender if it has been pull out.
3. Finally, raise the Document Output Tray to close.

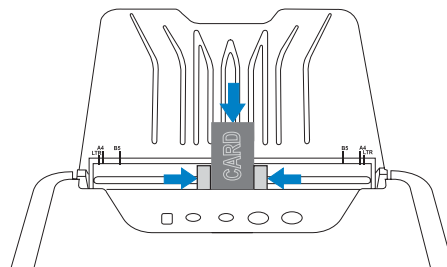


To Load Cards

1. Slide the Guide Arms toward the center of the feed tray and free up the enough space to put the card inside.



2. Load and center the card into the Document Feed Tray, with the front side facing up and the top edge directing toward the feeder.



NOTE: The Document Feed Tray can hold up to 2 pieces of cards at one time.

Document Notices

There are several precautions and reminders about using the scanner correctly. Please refer to the section as below for the detail.

- The scanner is not designed for scanning photos; doing so may damage your originals. Microtek accepts no responsibility for damage that may arise from misuse of equipment.
- The scanner can handle paper/card specifications:
 - Paper size:
 - ArtixScan DI 6240S/6250S/6260S
Max. 8.85" x 118" (225 mm x 3000 mm)
Min. 2.75" x 3.149" (70 mm x 80 mm)
 - ArtixScan TS 630S
Max. 8.85" x 25" (225 mm x 635 mm)
Min. 2.75" x 3.149" (70 mm x 80 mm)
 - Paper weight: 8 to 32 lbs (30.08 to 120.32 g/m²)
 - Card thickness: Up to 1.3 mm (0.05")
- If the documents are torn, curled, or wrinkled, do not put them into the scanner to scan, because they may cause paper jams.
- Remove paper clips or staples before placing documents into the tray. DO NOT use the scanner to scan documents with paper clips or staples because they may cause paper jams or damage the scanner.
- Feeder capacity:
 - Up to 100 sheets of papers
(17 to 18 lbs/63.75 to 67.5 g/m²)
 - Up to 2 pieces of cards (1.3 mm/0.05")

Scanning Documents

Microtek only demos the use of the ScanWizard DI (PC) in succeeding pages in this guide. For more details about using the ScanPotter (Mac) to scan your documents, please refer to the *ScanPotter Reference Manual* in the Microtek software CD/DVD.

Using ScanWizard DI

ScanWizard DI is a scanning software designed by Microtek for document scanning in color, black and white, and grayscale in both duplex and simplex modes. Its user-friendly interface enables you to easily start the scanning process. Refer to the ScanWizard DI software manual for more details.

Warning:

- Do not place photos or fragile materials in the feed tray, for it will damage the originals when performing the feeding process.
- Before using the ScanWizard DI, make sure that your anti-virus software program has been turned off. Otherwise, the scanning speed may be affected.

The following sections will show you step by step how to use ScanWizard DI.

Scanning a Single-sheet Document

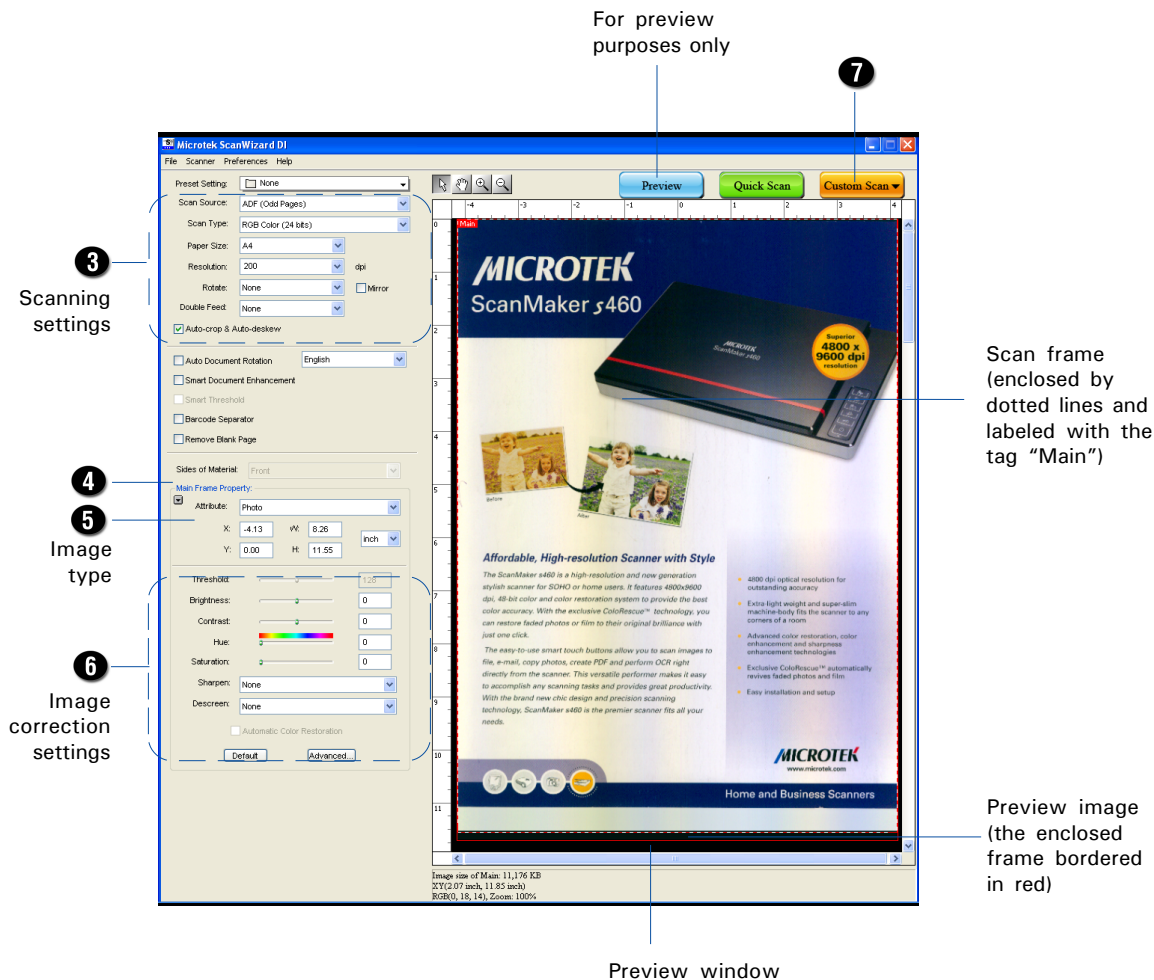
1. Load the single-sheet document to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI (either as a stand-alone by clicking the program icon, or by using the "File-Import" or "Scan" command from an application program).
3. Specify your scanning requirements in the ScanWizard DI control panel.
 - a) Select *ADF (Odd Pages)*, *ADF (Even Pages)* or *ADF (Duplex)* as your image input device in the Scan Source drop-down menu.
 - Select *ADF (Odd Pages)* or *ADF (Even Pages)* to scan one side of the document.
 - Select *ADF (Duplex)* to scan both sides of the document.
 - b) Select your image output type in the Scan Type drop-down menu.
 - Select *RGB Color (24 bits)* to scan the image in color.
 - Select *Grayscale (8 bits)* to scan the image in grayscale.
 - Select *Black & White (1 bit)* to scan the image in black-and-white.
 - Select *Auto Color Detection* to scan the image.

- c) Select a dimension in the Paper Size drop-down menu as your preview image size.
 - d) Select your desired image output resolution in the Resolution drop-down menu.
 - e) If "Auto-crop & Auto-deskew" is selected, the scanner automatically detects the size of the original image, crops the full scan frame to fit the image, and removes unwanted black borders after the scan, as well as corrects the distorted image for proper alignment.
4. Click the *Preview* button to perform a preliminary view of the entire image. When done, a preview image appears in the preview window.
 5. If necessary, click the *Scan Frame* tool button to adjust the size of the scan frame (enclosed within the red dotted lines and labeled with the tag "Main"). Drag on the edge or corner of the scan frame to resize the scan frame.
 6. Select your image type in the Attribute drop-down menu.
 - Select *Line Art* to scan line art images (images in one color or in black-and-white, such as logos or mechanical blueprints).
 - Select *Photo* to scan color prints.
 - Select *Text* to scan text.
 7. If necessary, adjust image quality by using the image correction tools.
 8. Click the *Scan* button, or click the *Custom Scan* button and select *Save to File* to start scanning.
 - If ScanWizard DI is launched as a Plug-In from an image-editing program, the scanned image is delivered after the scan to your application, where the image can be saved, printed, or modified further.
 - If ScanWizard DI is launched as a stand-alone program, the scanned image can be saved after the scan to a file or opened in an image-editing program.



Scanning a Stack of Documents

1. Load the stack of documents to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI (either as a stand-alone by clicking the program icon, or by using the "File-Import" or "Scan" command from an application program).
3. Follow the procedure (steps 3a through 3f) for "Scanning a Single-sheet Document" to specify your scanning requirements in the ScanWizard DI control panel.
 - a) Select *ADF (Odd Pages)*, *ADF (Even Pages)* or *ADF (Duplex)* as your image input device in the Scan Source drop-down menu.
 - Select *ADF (Odd Pages)* or *ADF (Even Pages)* to scan one side of the document.
 - Select *ADF (Duplex)* to scan both sides of the document.
 - b) Select your image output type in the Scan Type drop-down menu.
 - c) Select a dimension in the Paper Size drop-down menu as your preview image size.
 - d) Select your desired image output resolution in the Resolution drop-down menu.
 - e) If the Auto-crop & Auto deskew option is selected, the scanner automatically detects the size of the original image, crops the full scan frame to fit the image, and removes unwanted black borders after the scan, as well as corrects the distorted image for proper alignment.
 - f) If necessary, select a level of paper thickness for the ultrasonic double-feed detection in the Double Feed drop-down menu.
4. If necessary, specify the image settings for the front or back side of papers separately by using the "Sides of Material" control when the Scan Source is set as the ADF (Duplex).
5. Select the your image type in the Attribute drop-down menu.
6. If necessary, adjust image quality by using the image correction tools.
7. Click the *Scan* button, or click the *Custom Scan* button and select *Save to File* to start scanning.
 - If ScanWizard DI is launched as a plug-in from an image-editing program, the scanned image is delivered after the scan to your application, where the image can be saved, printed, or modified further.
 - If ScanWizard DI is launched as a stand-alone program, the scanned image can be saved after the scan to a file, or opened in an image-editing program.



For preview purposes only, take note of the additional notes below:

1. Load a piece of paper from the paper stack into the Document Feed Tray as step 1. Do not load more than one sheet, as a single sheet is sufficient for previewing.
2. After finishing step 3 and before proceeding to step 4, click the *Preview* button to perform a preliminary view of the entire image. When done, a preview image appears in the preview window.

At this moment, the previewed page is delivered to the output tray from the Document Feed Tray. Load the previewed page, along with the paper stack into Document Feed Tray. You are now ready to scan.

Scanning Documents with Barcodes

When there is a barcode on a document, you can use “Barcode Separator” function to batch scan documents without starting and stopping each time a new file begins. This scanning scenario is useful for the scanned documents to be filed with barcode numbers.

1. Load the single-sheet document to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI as a stand-alone by clicking on the program icon on the desktop.
3. Follow the procedure (steps 3a through 3f) for “Scanning a Single-sheet Document” to specify your scanning requirements in the ScanWizard DI control panel.
4. Click the *Preview* button to perform a preliminary view of the entire image. When done, a preview image appears in the preview window.
5. Click the *Scan Frame* tool button to adjust the size of the scan frame (enclosed within the red dotted lines and labeled with the tag “Main”). Drag on the edge or corner of the scan frame to resize the scan frame.
6. Follow the step 6 for “Scanning a Single-sheet Document” to select your image type in the Attribute drop-down menu.
7. If necessary, adjust image quality by using the image correction tools.
8. Check the “Barcode Separator” option to activate the Barcode Frame tool button.
9. Click the *Barcode Frame* tool button to adjust the size of the barcode frame (enclosed within the red dotted lines and labeled with the tag “BarCode”). Drag on the edge or corner to determine the final size of the actual scan for the barcode.

If you have more than one page with a barcode on, make sure if the selected area of the barcode frame covers enough space. If not, when it performs a scan job, your scanner will not detect the barcode which appears outside the selected area of the barcode frame.

10. Click the *Scan* button, or click the *Custom Scan* button and select *Save to File* to start scanning.
 - If the “Save Barcode as Directory” is checked, the program will recognize and use the barcode on the scanned document to generate a file directory, where the scanned document will appear with any predefined prefix and/or serial number.
 - If the “Save Barcode as Directory” is unchecked, the program will recognize and use the barcode on the scanned document to name the scanned document. You can append any predefined prefix and/or serial number to the output filename in order to differentiate the documents containing same barcode.

Select Frame tool

The image displays the Microtek ScanWizard DI software interface, which is used for configuring and executing scans. The interface is divided into several sections, each with a numbered label:

- 3 Scanning settings:** Located on the left, this section includes options for Preset Setting, Scan Source, Scan Type, Paper Size, Resolution, Rotate, Double Feed, and Auto-crop & Auto-deskew.
- 6 Image type:** This section allows users to select the Main Frame Property (Attribute) and adjust various image quality parameters such as Threshold, Brightness, Contrast, Hue, Saturation, Sharpen, and Descreen.
- 7 Image correction settings:** This section includes options for Auto Document Rotation, Smart Threshold, Barcode Separator, and Remove Blank Page.
- 8 Barcode Separator:** This section is used to configure the Barcode Separator tool, which is used to extract barcode data from scanned documents.
- 9 Barcode Frame tool:** This section is used to configure the Barcode Frame tool, which is used to extract barcode data from scanned documents.
- 10 Barcode frame:** This section is used to configure the Barcode frame tool, which is used to extract barcode data from scanned documents.

The main window shows a preview of a scanned document with a barcode. The barcode is labeled with the number "809 6186 560". The document is also labeled with the number "809 6186 560".

Barcode number is used as a file directory name

Barcode number is used as a file name

Barcode frame (enclosed by dotted lines and labeled with the tag "Main")

Barcode frame (enclosed by dotted lines and labeled with the tag "BarCode")

Microtek ScanWizard DI - Custom Scan - Save to File

Save in: c:\mpuby

8096186560

DCT

EU_newlang

callhen

8096186560Image00001.tif

udon10004.tif

File name: [Barcode](File Prefix)00001

Save as type: Tagged Image File Format (TIFF)

Directory: E:\mpuby

☐ Save Barcode as Directory

☒ File Prefix: Image

☒ Serial No

☐ Combine Images

The first image on Left

☒ Save multiple images as a single file

☒ Enable Auto-scan every 5 Second(s)

☒ Send image to application after saving

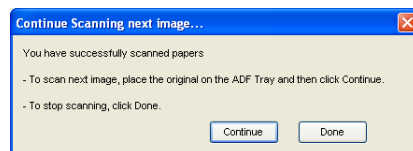
Adobe Photoshop

Scanning Documents Directly to a PDF

This scanning scenario guides users to scan documents directly to a PDF file, which helps users to avoid complicated after-scan settings if they just want to transform stacks of valuable data and papers into a single PDF file.

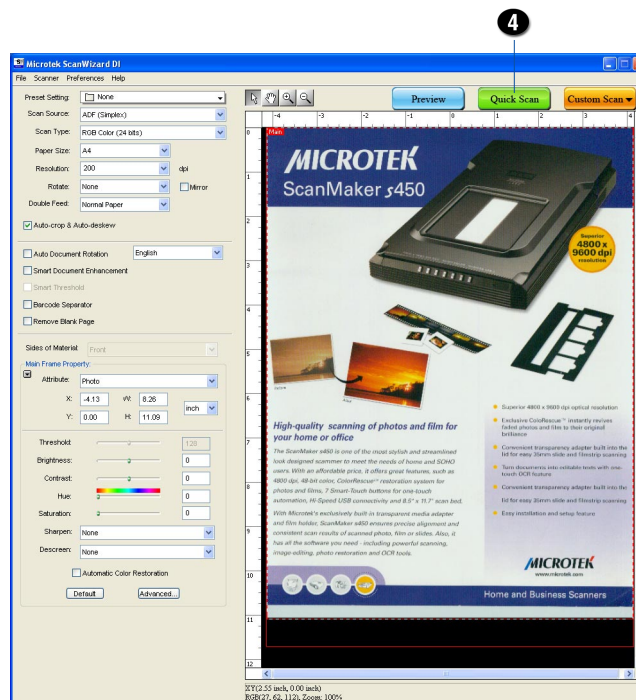
1. Load the documents to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI as a stand-alone by clicking the program icon.
3. Follow the procedure (steps 3 through 6) for “Scanning a Stack of Documents” to specify your scanning requirements in the ScanWizard DI control panel.
4. Click the *Quick Scan* button to start scanning.

Immediately, your scanner starts scanning automatically. When the scanning is finished, ScanWizard DI will prompt you a window to ask if you want to place the next page.



Click the **Continue** button to scan more pages or click the **Done** button to terminate the scanning job.

If your computer has been installed a PDF Reader program, the scanned PDF file will be opened automatically on the screen for the further use.



The **Quick Scan** button appears only when ScanWizard DI is launched as stand-alone program

Utilizing Scanned Documents

Depending on your needs, you may save your scanned documents into the following purposes.

Scanning for Archiving

The archiving function allows the scanner to scan documents for recording purposes. For instance, an image “record” can be kept of multiple-page documents or of other important documents, such as birth certificates and tax records.

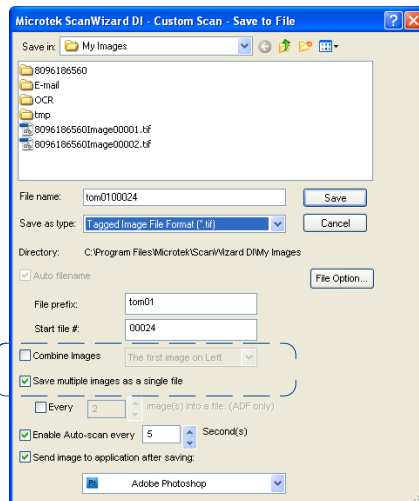
1. Load the documents to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedure (steps 3 through 6) for “Scanning a Stack of Documents” to specify your scanning requirements.
4. Click the *Custom Scan* button and select *Save to File* to open the “Custom Scan-Save to File” dialog box.

In the “Custom Scan-Save to File” dialog box, specify the following settings:

- a) Key in your preferred file name in the “File prefix” edit box, or use the default “Image” as a root file name.
- b) Select your required export file format. Save the file as TIF, PDF, or DCX, which enables the “Save multiple images as a single file” option in the next step.
- c) Check the “Save multiple images as a single file” option to store all the scanned images as a single file if desired.

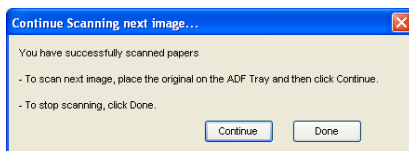
If you scan the documents through the ADF and enable “Save multiple images as a single file”, you are allowed to specify how many images you would like to be saved in a single file after scan.

Check the “Every %image(s) into a file ” option, and then enter your desired number in the edit box directly or click the up/down arrow to increase/decrease the number. The range is from 2 to 100 images.



- Click the **Save** button to start the scanning.

If the “Save multiple images as a single file” option is checked, when the scanning is finished, ScanWizard DI will prompt you a window to ask if you want to place the next page. Click the Continue button to scan or click the Done button to save multiple images as a single file.



The saved file can be viewed from the default folder (or your selected folder).

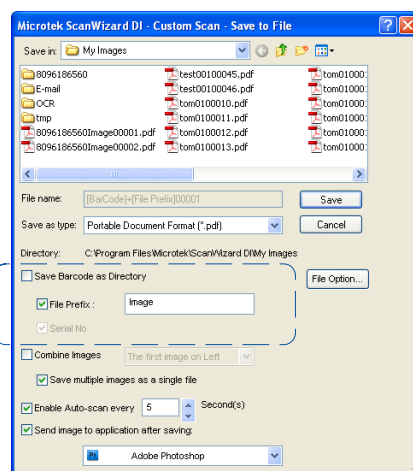
When the Barcode Separator function is checked, the “Scan To: Save As” dialog box should look like the one as shown below. The “Auto filename” option will be replaced by the “Save Barcode as Directory”.

Save Barcode as Directory: If “Save Barcode as Directory” is checked, the value of the scanned barcode is saved and used as a file directory. If unchecked, the value of the scanned barcode is saved and used as a file’s name.

When “Save Barcode as Directory” is checked, you have to assign at least one of the “File Prefix” or “Serial No.” to be your output filename. They cannot be null at the same time.

If “Save Barcode as Directory” is unchecked and if you do not assign either one of the “File Prefix” or “Serial No.” to be a file’s name, the new saved file will overwrite the old one.

Note: No matter if you check “Save Barcode as Directory” or not, it is strongly recommended to check “Serial No.” in order to add it as part in your file’s name. For if you do so, the system will automatically generate a sequential number based on when the file is saved. Otherwise, if you do not do so, when you scan another document with the same barcode value as that on the old one and you forget to name it in different file prefix, the new scanned document will overwrite the old one immediately.



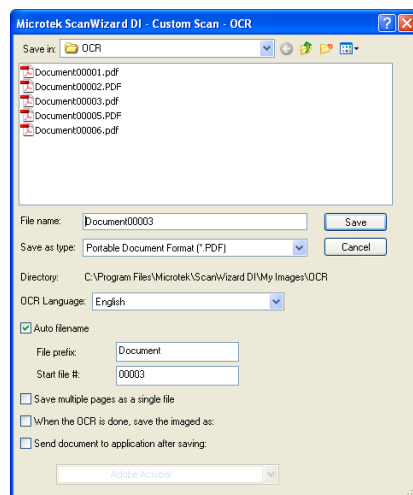
Scanning for OCR

The OCR (Optical Character Recognition) function allows the scanner to convert a scanned document into text that can be edited from any word processing application.

1. Load the documents to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedure (steps 3 through 6) for "Scanning a Stack of Documents" to specify your scanning requirements.
 - a) In step 3d, the recommended resolution is 300 dpi or above for OCR.
 - b) In step 6, from the Attribute options menu, choose *Line Art* as your image type to obtain best OCR results. When *Black & White* is your chosen mode in the Scan Type options, *Line Art* should be the selected image type.
4. Click the *Custom Scan* button and select *OCR* to open the "Custom Scan-OCR" dialog box.

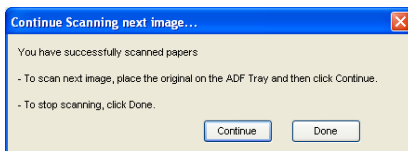
In the "Custom Scan-OCR" dialog box, specify the following settings:

- a) Key in your preferred file name in the "File prefix" edit box, or use the default "Document" as a root file name.
- b) Select your required export file format.
- c) Check the "Save multiple pages as a single file" option to store all the scanned images as a single file if desired.
- d) Select your preferred language from the "OCR Language" options. The available options are English, German, French, Italian, Spanish, and Chinese.
- e) Check the "Send document to application after saving" option, then choose your word processing application from the options.



5. Click the *Save* button to start the scanning.

If the “Save multiple images as a single file” option is checked, when the scanning is finished, ScanWizard DI will prompt you a window to ask if you want to place the next page. Click the Continue button to scan or click the Done button to save multiple images as a single file.



The saved file can now be opened from your chosen application and is ready to be edited.

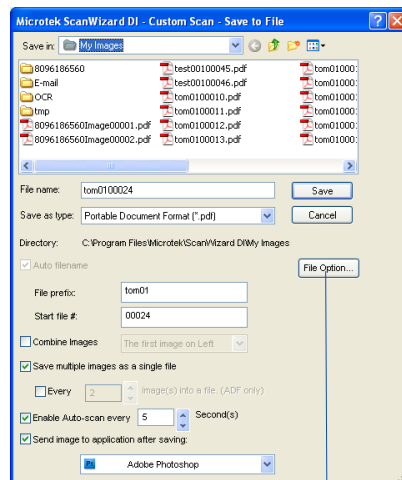
Scanning for PDF

The scanner can easily convert any paper document into an image and saves it as an Adobe Portable Document Format (PDF) file for viewing with the Adobe application software. It also offers variable compression levels for full controls over file sizes and image quality.

1. Load the documents to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedure (steps 3 through 6) for "Scanning a Stack of Documents" to specify your scanning requirements.
4. Click the *Custom Scan* button and select *Save to File* to open the "Custom Scan-Save to File" dialog box.

In the "Custom Scan-Save to File" dialog box, specify the following settings:

- a) Key in your preferred file name in the "File name" edit box, or use the default "Image" as a root file name.
- b) Select "Portable Document Format" as your file-saving format from the "Save as type" drop-down menu.
- c) Check the "Save multiple images as a single file" option to store all the scanned images as a single file if desired.
- d) Check the "Send image to application after saving" option, then choose your Adobe application software from the options.



The File Option button is active when the "RGB Color" or "Grayscale" is set as your image output type and the PDF is chosen. With this function, you can control the image quality compression as your desired.

5. Click the *Save* button.

The originals are sequentially scanned until the stack of documents is depleted; when finished, all the scanned images are saved as a single file. The saved file can now be opened from your chosen application and is ready to be viewed.

Note: The scanner also allows you to scan a text document and convert it to an editable PDF file for editing with the Adobe Acrobat writer. Follow the procedures for "Scanning for OCR", in step 4b, select the "PDF with hidden text" as your file-saving format.

Scanning for E-mail

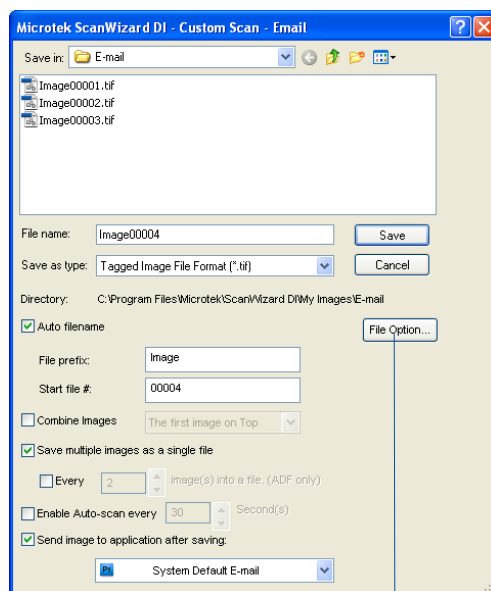
The e-mail function allows the scanner to save and send the scanned images to your preferred e-mail application program in one simple step. This lets you share your scanning results with others fast and easily.

1. Load the documents to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedures (steps 3 through 6) for "Scanning a Stack of Documents" to specify your scanning requirements.
4. Click the *Custom Scan* button and select *E-mail* to open the "Custom Scan-Email" dialog box.

In the "Custom Scan-Email" dialog box, specify the following settings:

- a) Key in your preferred file name in the "File name" edit box, or use the default "Image" as a root file name.
 - b) Select your required export file format.
 - c) Check the "Save multiple images as a single file" option to store all the scanned images as a single file if desired.
 - d) If the "Send image to application after saving" option is checked, the scanner will send your scanned and saved image file to the e-mail application program assigned in the system.
5. Click the *Save* button.

When finished, all the scanned images are saved as a single file. The saved file can now be sent from your chosen e-mail application to others and is ready to be viewed.



The File Option button is active when the "RGB Color" or "Grayscale" is set as your image output type and the PDF is chosen. With this function, you can control the image quality compression as your desired.

Scanning for Copying

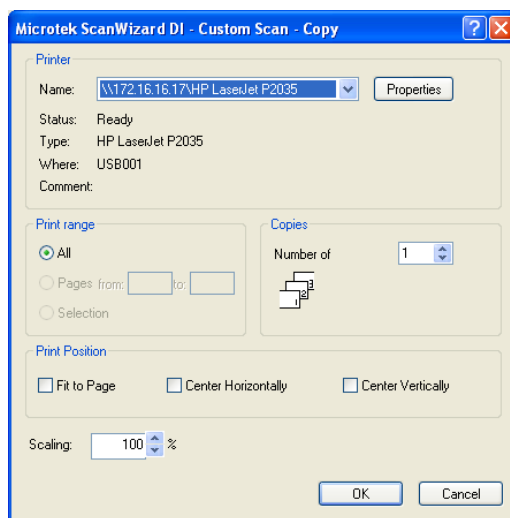
The copy function allows the scanner to work like a copier using your printer, with documents printed successively without interruption. This lets you transform your scanner and printer into a convenient copy station.

1. Load the documents to be scanned onto the ADF's Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedure (steps 3 through 6) for "Scanning a Stack of Documents" to specify your scanning requirements.
4. Click the *Custom Scan* button and select *Copy* to open the "Custom Scan-Copy" dialog box.

In the "Custom Scan-Copy" dialog box, specify the following settings:

- a) Select a default printer or any alternative printer from the options.
- b) Specify the number of copies to be made.
- c) Select a scale ratio for increasing or reducing the size of the scanned image.

If the "Fit to Page" option is checked, the "Scaling" setting is disabled.



5. Click the *OK* button.

The originals are sequentially scanned until the stack of documents is depleted; when finished, all the scanned images are sent to the specified printer.

Scanning for Card

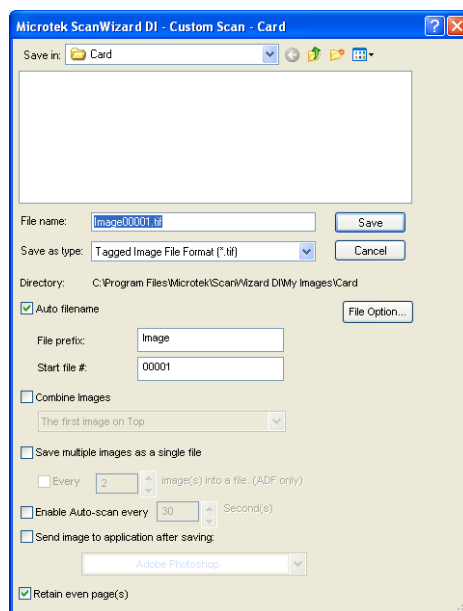
The scanner can easily convert any hard-copied card into an image and saves it for viewing or recording purpose.

1. Load the card to be scanned onto the ADF's Document Feed Tray, with the front side facing up and the top edge directing toward the feeder.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedure (steps 3 through 6) for "Scanning a Stack of Documents" to specify your scanning requirements.
4. Click the *Custom Scan* button and select *Card* to open the "Custom Scan-Card" dialog box.

In the "Custom Scan-Card" dialog box, specify the following settings:

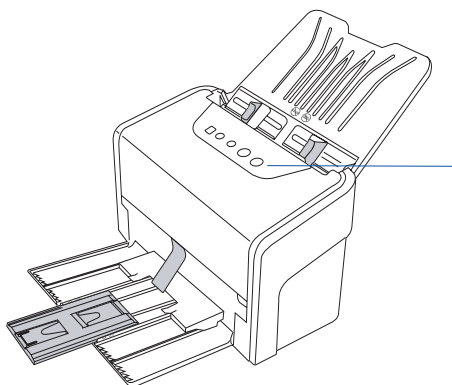
- a) Key in your preferred file name in the "File name" edit box, or use the default "Image" as a root file name.
 - b) Select your required export file format.
 - c) Check the "Save multiple images as a single file" option to store all the scanned images as a single file if desired.
 - d) Check the "Send document to application after saving" option, then choose your word processing application from the options.
5. Click the *Save* button.

When finished, the saved file can now be opened from your chosen application and is ready to be viewed.



Scanner Buttons

Your scanner is equipped with three physical buttons, Select, Scan/Stop and Favorite, used to automate a number of customized and predefined operations, such as scanning to a file, sending an image to your printer or e-mail account, scanning for OCR, etc. Customizing is done through the “Save Settings to Function Button” command, as explained below.

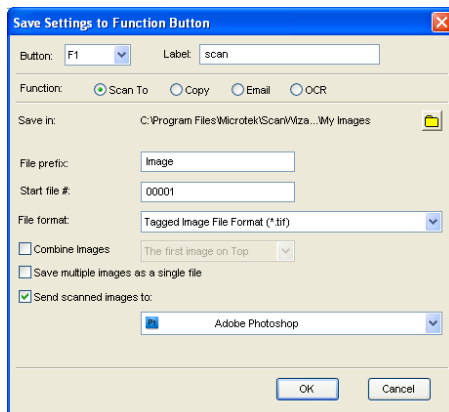
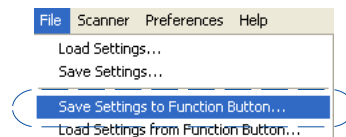


LED display:
Displays the selected
function button number.



Customizing the Function Buttons

1. Launch ScanWizard DI.
2. Follow the procedures (steps 3 through 6) for the “Scan a Stack of Documents” section to specify your scanning requirements in the ScanWizard DI panel.
3. When you finish specifying the scanning settings, choose the “Save Settings to Function Button” command from the File menu. The dialog box appears.

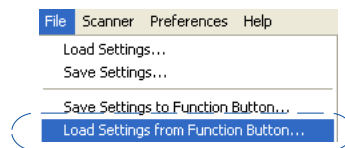


4. In the dialog box, specify your requirements for the button that you wish to define (F1, F2, F3, F4, F5 and Favorite).
 - a) Select F1, F2, F3, F4, F5 or Favorite (e.g., F1) to be defined from the *Button* options.
 - b) Key in your preferred string in the *Label* edit box for the selected function button.
 - c) Make your selection among the *Function* radio buttons below to define your selected button. The four functions provided are:
 - **Scan To:** Captures images that can be automatically saved as files or sent to another application for further processing. This is the default selection.
 - **Copy:** Scans the image and sends it to your printer, transforming your scanner and printer into a convenient copy station. Simply specify the number of copies you want.
 - **Email:** Captures images that can be automatically saved as files or sent to the system default E-mail application.
 - **OCR:** Performs OCR (Optical Character Recognition) of a document and converts it to a fully editable digital file. Saves time from retyping documents into your word processor.
5. Specify the function settings according to your requirements, then click the OK button. The parameters currently specified for your selected function button are saved. To define another custom function button if desired, follow steps 2 through 5 of this section.

Note:

1. When you have finished the settings for the function button, you will need to exit ScanWizard DI before pressing the function button on the scanner to carry out the defined task. If you press a scanner button on the scanner while ScanWizard DI is activated, the scanner only performs a preliminary scan of the image.
2. There is only one set of operational parameters can be set and memorized for the Favorite button every time when you customize it through the "Save Settings to Function Button" command. You can use it as a hot key to store one set of operational parameters used most frequently.

To browse the settings of your original function button (in case you do not remember the settings that you assigned previously), use the “Load Settings to Function Button” feature.



To do this, select the “Load Settings to Function Button” command from the File menu, choose the function button to be previewed, and click the OK button.

The saved function button settings are restored to the ScanWizard DI control panel. You can then continue to use these settings until you need to specify new settings for the buttons.

How the Scanner Buttons Works

When you finish customizing the function buttons, follow the steps below to carry out the defined task by pressing the buttons on the scanner. The scan will be performed in accordance with the designated button function using the parameters configured in the “Save Settings to Function Button” dialog box.

1. Load the documents onto the scanner's feed tray.
2. Exit the ScanWizard DI.
3. Press the Favorite button on your scanner to activate the function associated with the Favorite button quickly.

or,

Press the Select button to toggle through the numbers of predefined function buttons (F1 to F5). When you see the number you would like to use, press the Scan/Stop button to activate the function associated with that button easily.

Press the button again to cancel the ongoing scanning task if needed.

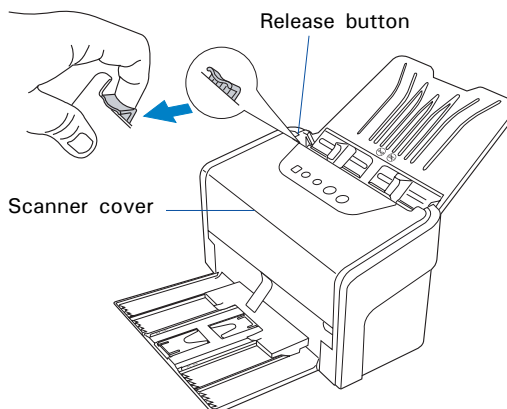
4. If necessary, specify new settings for each function button. Follow the procedures (steps 1 through 5) for the “Customizing the Function Buttons” section to specify your new requirements for the buttons that you wish to re-define.

Care and Cleaning

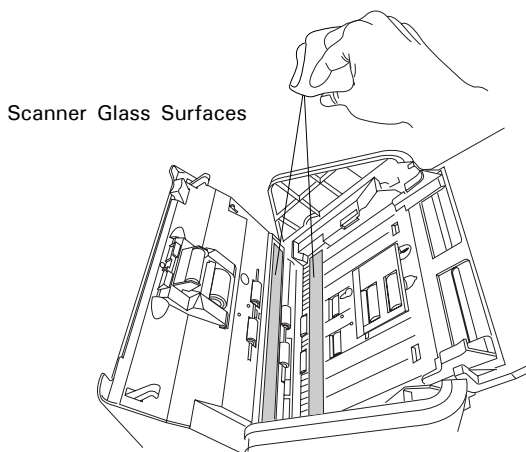
To ensure optimal performance from the your scanner, it is important to clean several critical parts of the scanner on a regular basis. The recommended cleaning cycle time would be after 3,000 to 5,000 scans.

Cleaning the Scanner Glass Surfaces

1. Lift up the Release button in the direction as shown in the graph to open the scanner cover.



2. When the scanner cover is opened, you can find two scanner glass surfaces locating at the inner sides the scanner. Use a soft, non-abrasive and lint-free cloth to gently wipe the glass surface areas.

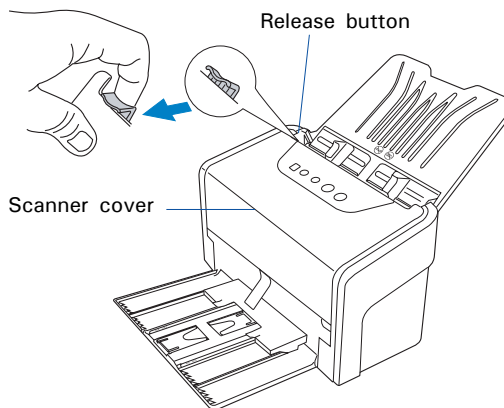


Note: Do not use any detergents, synthetic cleaning solutions, cleaning naphtha, or other solvents to clean the glass surface directly. To remove stains, use cotton swabs moistened with rubbing alcohol.

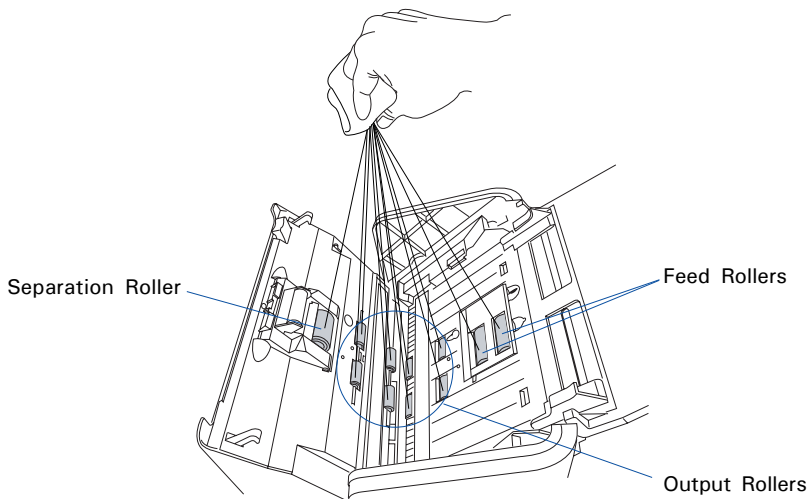
Cleaning the Rollers

Prolonged use of the scanner may result in accumulation of ink and other residue on the feeder's rollers, affecting their efficiency. Clean the rollers periodically to maintain performance.

1. Lift up the Release button in the direction as shown in the graph to open the scanner cover.



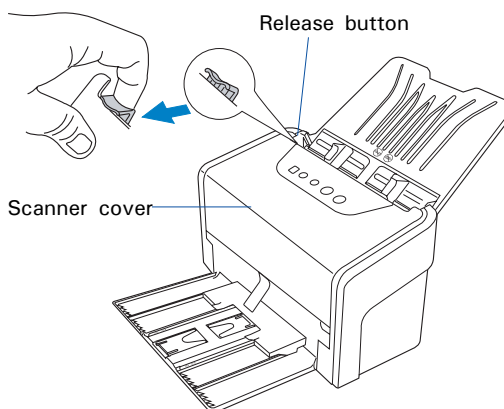
2. When the scanner cover is opened, you can find several groups of rollers locating at the inner sides of the scanner. Then, clean the rollers with a lint-free cloth or a swab moistened with alcohol or water, as shown in the graphic below.



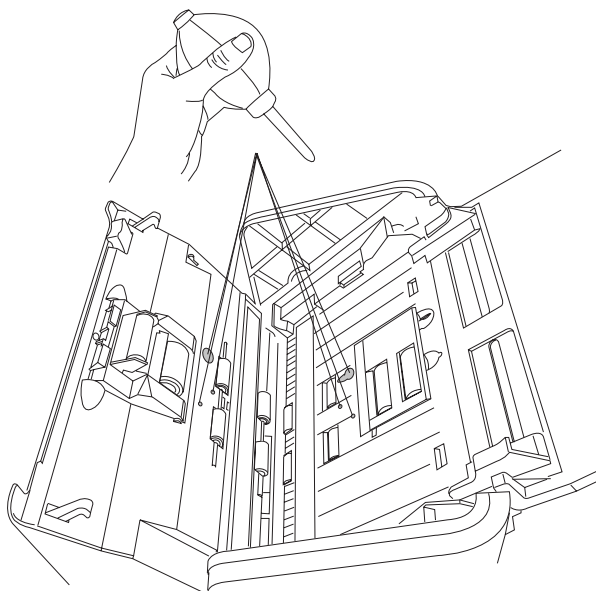
Note: Do not attempt to spin or rotate the rollers while cleaning, for it may damage the drive train mechanism of the scanner. The Separation Roller and Feed Rollers can be removed and cleaned separately, refer to "Maintenance" section to remove the rollers.

Cleaning the Sensors

1. Lift up the Release button in the direction as shown in the graph to open the scanner cover.

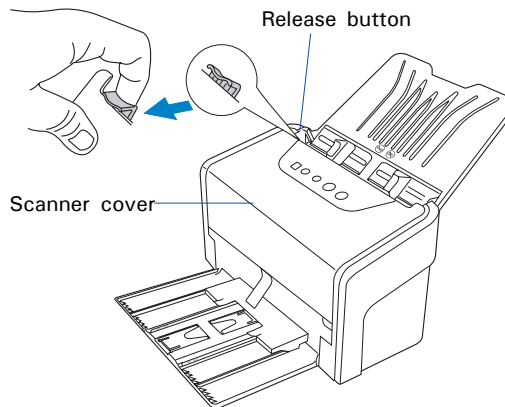


2. When the scanner cover is opened, you can find four sets of sensors (Ultrasonic Double-feed sensors, I/O sensors, and Tray sensors) locating at the inner sides of the scanner. Then, clean the sensors with a dust blower, as shown in the graphic below.

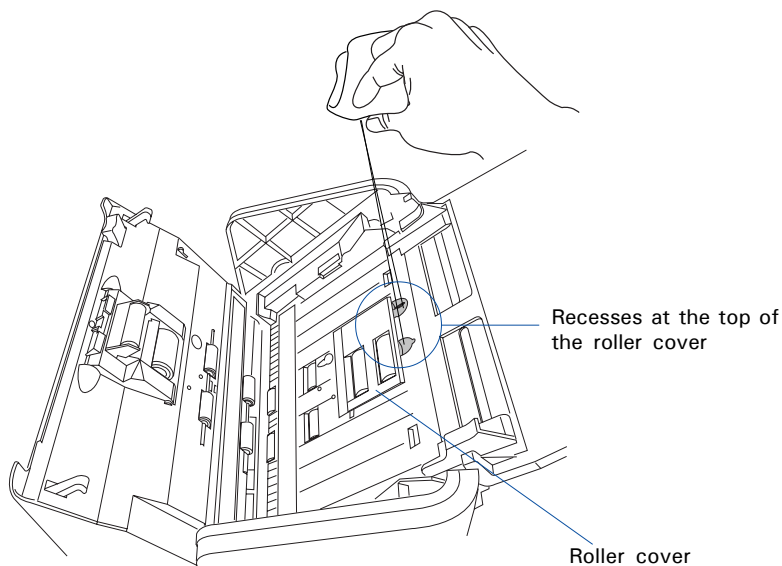


Cleaning the Recesses of the Roller Cover

1. Lift up the Release button in the direction as shown in the graph to open the scanner cover.



2. When the scanner cover is opened, you can find two recesses at the top of the roller cover. Then, clean the levers with a lint-free cloth or a swab moistened with alcohol or ECO cleaner, as shown in the graphic below.

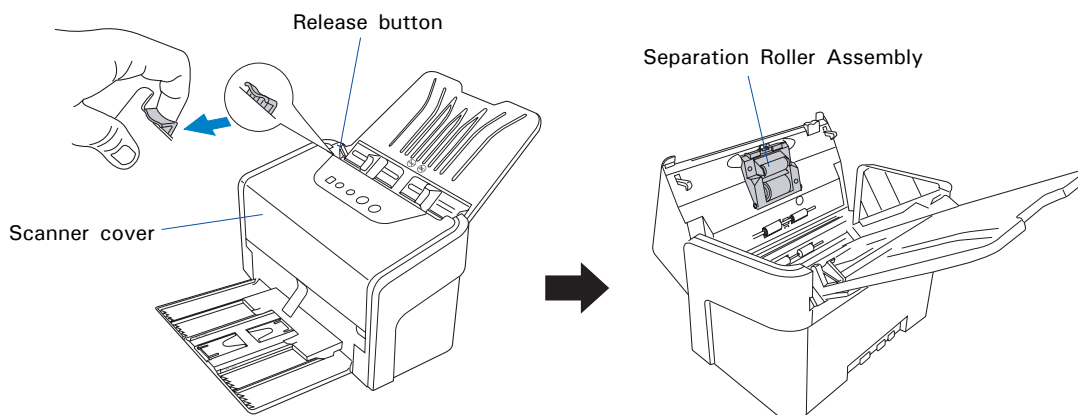


Maintenance

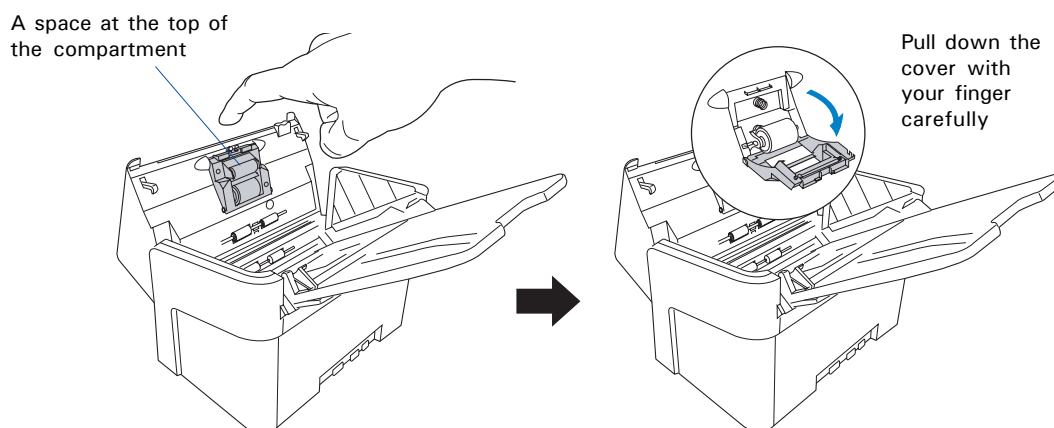
The Separation Roller Assembly and the Feed Roller Assembly in your scanner are designed to make document feeding smooth. After usage for a period of time, the Separation Roller and Feed Rollers may become worn out, and problems such as document double-feed may occur. In this case, check either the Separation Roller Assembly or the Feed Roller Assembly, and replace them if needed. Follow the procedure below for replacement of the Separation Roller and Feed Roller Assembly.

Replacing the Separation Roller

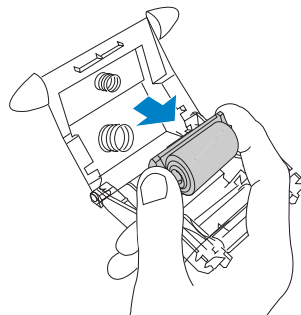
1. Lift up the Release button in the direction as shown in the graph to open the scanner cover. Locate the Separation Roller Assembly at the top of the inner side of the scanner cover.



2. Find a hollow space at the top of the Separation Roller Assembly. Use it as an exerting handle to pull down the cover of the Separation Roller Assembly vertically. The opening direction is shown as the graph below.

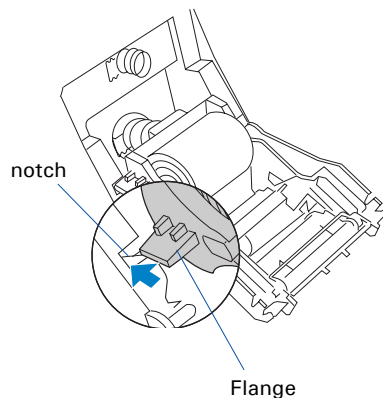


3. To remove the Separation Roller, hold the roller and then take it out from the assembly unit.

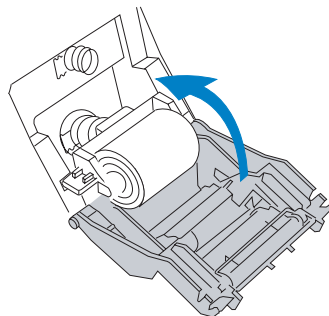


4. To install a new Separation Roller onto the assembly unit, gently hold both sides of the roller and insert two flanges on the roller into the notches of the assembly unit.

Please take note that two flanges on the roller are designed in different sizes. The left flange is wider than the right one. Make sure that you have put them at the correct side before inserting them into the slots of the assembly unit.



5. Close the cover of the Separation Roller Assembly back. Then, push the scanner cover back until you hear a "click".

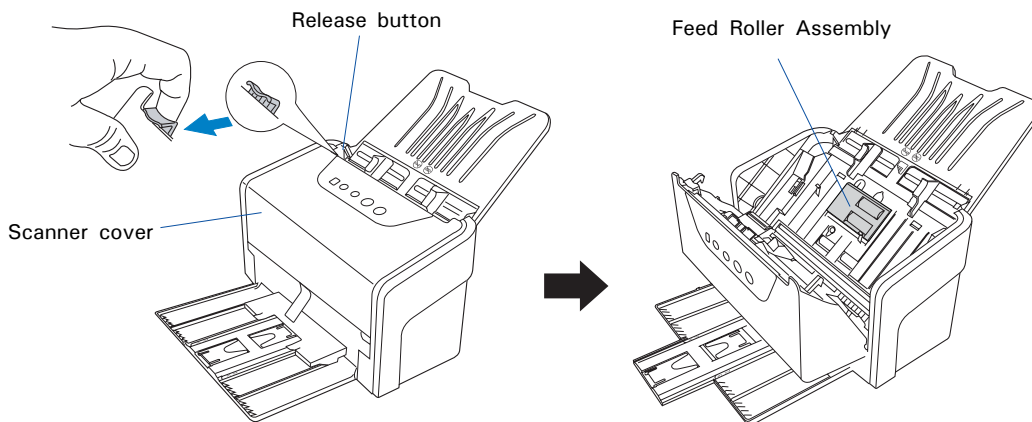


Note:

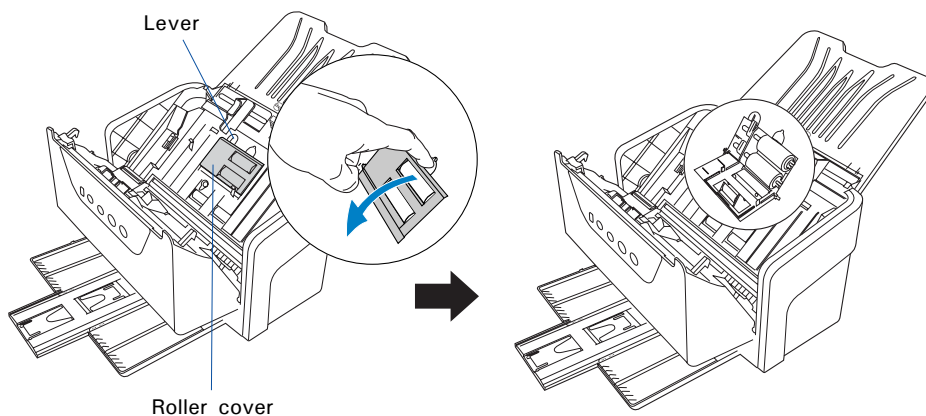
- The recommended replacement point for the Separation Roller is approximately 150,000 scans through the feeder.
- Please contact your local resellers for purchasing new Separation Roller.

Replacing the Feed Roller Assembly

1. Lift up the Release button in the direction as shown in the graph to open the scanner cover. Locate the Feed Roller Assembly at the inner side of the scanner.

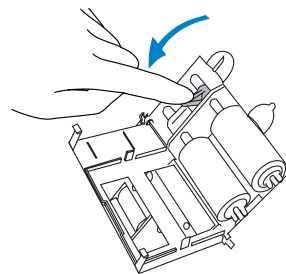


2. Pull down the roller cover with your finger to open the roller cover. After the roller cover is fully opened, you can see that two rollers inside. You can only change one roller for each time.

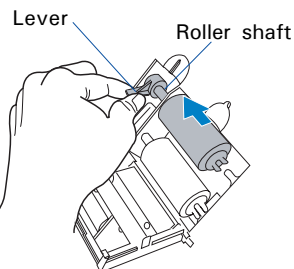


3. To change the roller at the top:

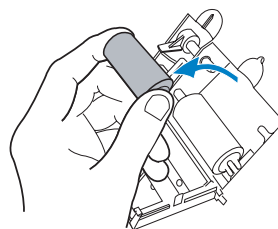
- a) Rotate the lever on the roller shaft down to loosen the roller.



- b) Move the roller shaft to the left horizontally.

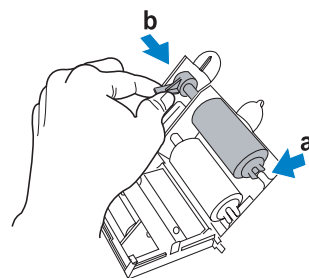


- c) Hold the both sides of the roller to pull it out carefully from its compartment.

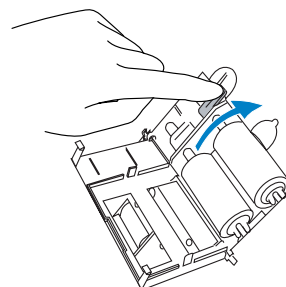


4. Insert the new roller into its compartment:

- a) Mount the roller with a white cap at the right of the roller into the mounting socket at the right side of the compartment.



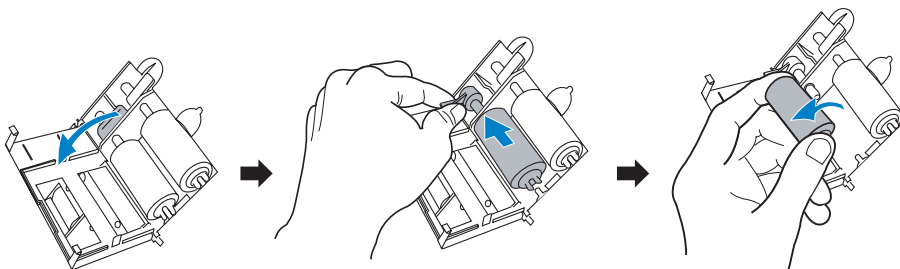
- b) Then, move the roller shaft to the right horizontally. Insert it into a hollow at the left side of the roller until it sticks into place.



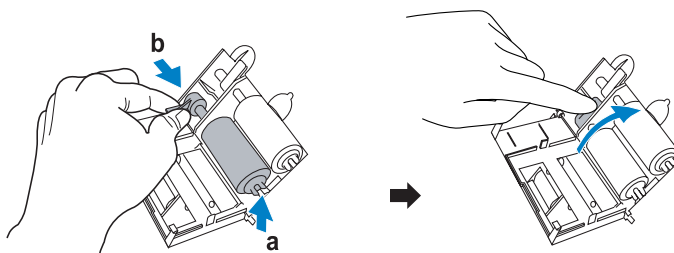
- c) Rotate the lever on the roller shaft up to fasten the roller, and push the whole assembly back into its compartment.

5. Follow the instructions described in the step 3 and 4 to change a new roller for the roller at the bottom.

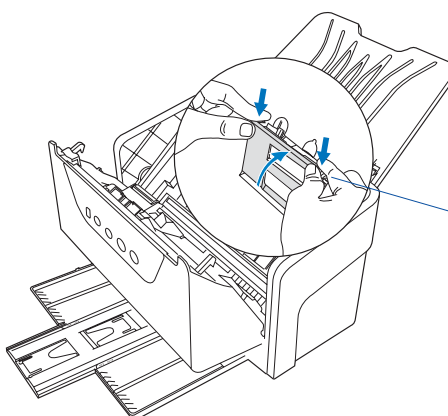
a) Remove the old roller from the bottom



b) Insert a new roller at the bottom



6. After done, push the roller cover up until you hear a “click”.



In order to avoid breaking down the levers at the corners of the roller cover, remember to push them downward slightly when push the roller cover back.

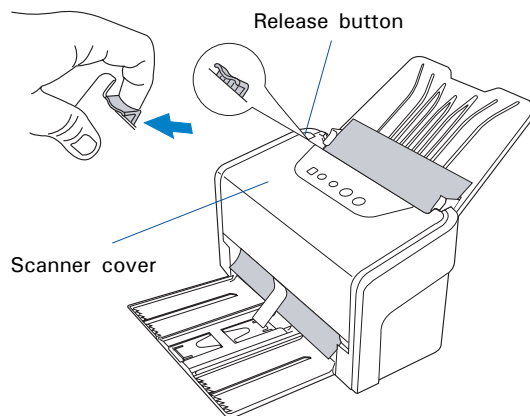
Note:

- The recommended replacement point for your Feed Roller Assembly is after scanning approximately 100,000 scans through the feeder.
- Please contact your local resellers for purchasing new Feed Roller Assembly.

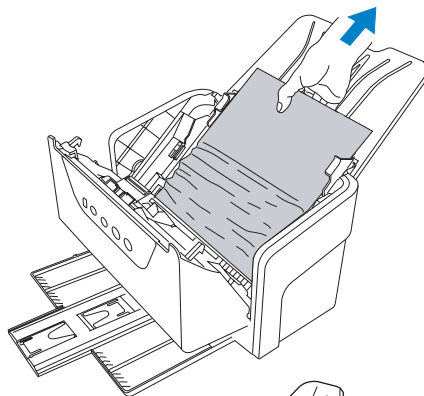
Appendix

Fixing Paper Jams

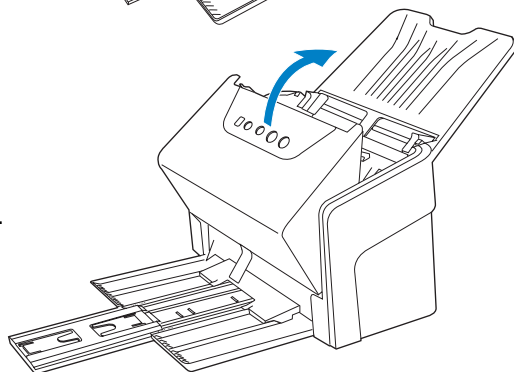
1. Lift up the Release button in the direction of the arrow shown to open the scanner cover.



2. Remove the jammed paper by taking it out in an upward direction.









3. Close the scanner cover. You should hear a click sound when the scanner cover returns to its original position.

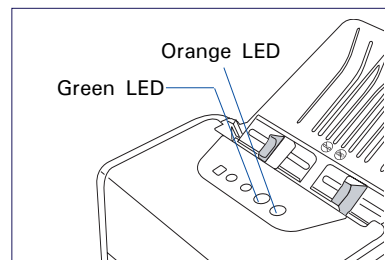


Note: Do not take out a jammed paper by force from the scanner when the scanner cover closes. If doing so, it may damage the rollers and cause the scanner work improperly.

Troubleshooting

The green LED lighting (the SCAN/STOP button) indicates the status of the scanner. The orange LED lighting (the POWER button) stands for power and should always stay on steady when the scanner is on.

- | | | |
|---|---|----------------------------------|
|  |  | All On: Ready to scan. |
|  |  | Flashing Green: Scanning. |
|  |  | All Off: Scanner is off. |



First, make sure that you have followed Steps 1 to 4 as described in the “Initial Setup” section of this document (unpack, install, connect). Then if your problem is listed here, try the suggested solution.

1. No light comes on when the scanner is already supplied with power.

Make sure your scanner is connected to your computer and plugged into a power source.

2. The Add/Remove Hardware Wizard appears on your screen.

Click the “Cancel” button and close the ScanWizard DI or ScanPotter Control Panel. Disconnect the Hi-Speed USB cable from the back of your computer, and refer to the installation instructions in this document.

3. After clicking scan, a blank screen appears.

Uninstall and reinstall the ScanWizard DI or ScanPotter software.

4. The scanner cannot pick up papers into the feeder.

Make sure the sheets of papers loaded on the Document Feed Tray do not exceed the thickness limit.

Check if the Separation Roller Assembly becomes worn and needs to be changed.

5. When trying to scan, an error message appears on your screen that reads, “Can’t Find Scanners”.

Make sure your scanner is connected to your computer and plugged in to a power source (see Step 4 in the “Initial Setup” section).

Uninstall and reinstall the ScanWizard DI or ScanPotter software.

6. When trying to scan, an error message appears on your screen that reads, "ADF is not ready or no paper".

Make sure there are papers on the Document Feed Tray.

Make sure the top edges of papers have been inserted into the feeder.

Finally, close the scanner cover and restart scanning.

7. When trying to scan, an error message appears on your screen that reads, "Code -206, ADF paper jam or roller failure."

Click OK first; then open the scanner cover, as illustrated in the pervious section "Fixing Paper Jams".

- If the problem is occurring from a paper jam, follow the procedures laid out in the "Fixing Paper Jams" section.
- If the problem is occurring from situations other than a paper jam, follow the procedures laid out in the "Position Documents" section.

Finally, close the scanner cover and restart scanning.

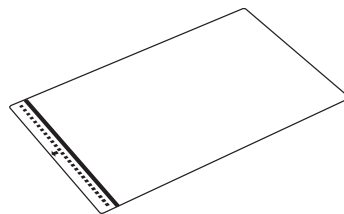
8. Ink stains or strips appear on the scanned images.

Clean the glass surface areas with a soft, non-abrasive and lint-free cloth.

Clean the rollers with a lint-free cloth or a swab moistened with alcohol or ECO cleaner.

How to Scan the Document Using the Document Sheath (Optional)

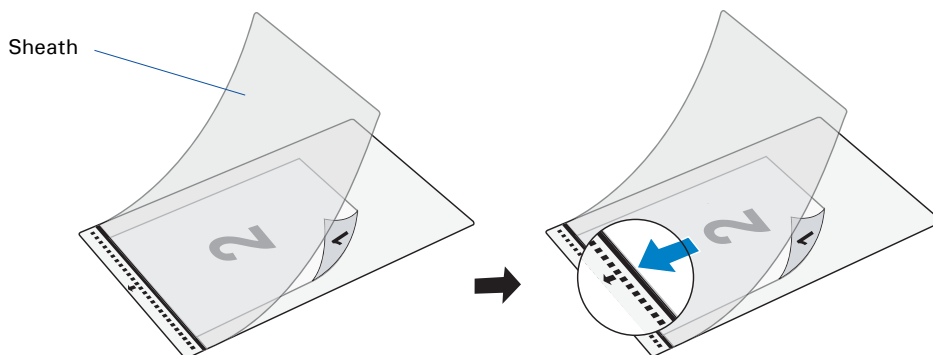
A document sheath is an optional accessory for the scanner you purchased. It is a transparent and unfoldable coverings used together with your scanner when combining two images as one through the ADF. It is very useful when you want to scan an A3 size document with an A4 scanner.



To scan an A3 size document by using the document sheath,

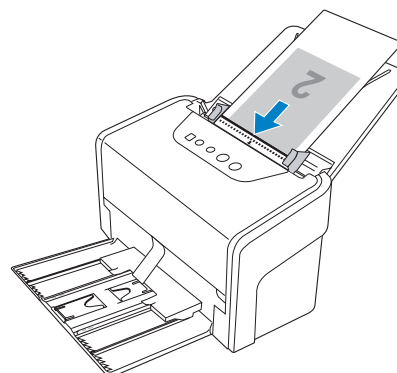
A. Insert an A3 Size Document into the Sheath.

1. Fold the A3 size document at the point you want.
2. Open the sheath and then insert the document into the sheath, with the side to be scanned as the first image facing down. Position the top end of the document toward the inner side of the sheath.
3. Push the document into the sheath until its top end is against the inner side of the sheath (the side with an arrow mark). Then, close the sheath.



B. Load the Sheath into the ADF.

1. Load the sheath with the document onto the ADF, with the side to be scanned as the first image facing down and the edge of the sheath (the side with an arrow mark) facing toward the feeder.
2. Push the sheath into the feeder until its edge touches the bottom edge of the feeder.

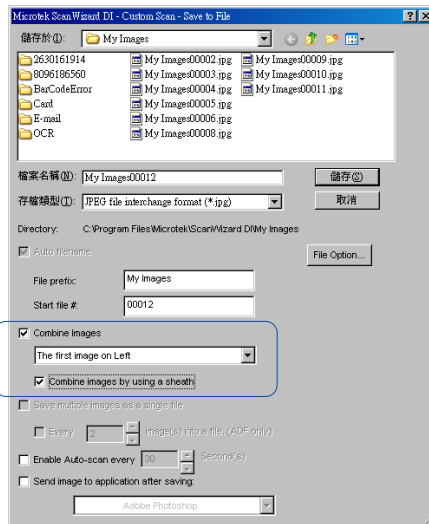
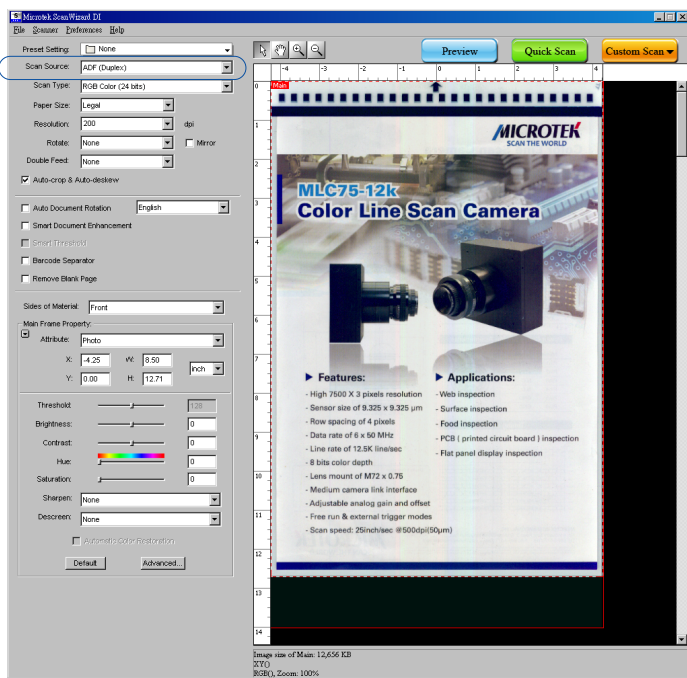


C. Scan the Document with ScanWizard DI.

1. Launch ScanWizard DI (either as a stand-alone by clicking the program icon, or by using the “File-Import” or “Scan” command from an application program).
2. Select *ADF (Duplex)* as your image input device in the Scan Source drop-down menu.
3. Follow the procedures described in previous scanning scenarios of this manual to specify your scanning requirements.
4. Click the *Custom Scan* button and select *Save to File* to open the “Custom Scan-Save to File” dialog box.

In the “Custom Scan-Save to File” dialog box,

- a) Check the “Combine Images” option and then you are allowed to choose to put the first scanned image at the left, right, top or bottom side when two images are combined.
- b) After “Combine Images” is checked, a sub-option named “Combine images by using a sheath” will be activated at the same time. Check it to use the sheath to combine two images together.



Specifications of ArtixScan DI 6240S

Type	Sheet-fed color document scanner
Scanning Modes	Color, grayscale, and black-and-white in a single scanning pass Input: 48-bit color/16-bit grayscale/1-bit B&W Output: 24-bit color/8-bit grayscale/1-bit B&W
Optical Resolution	600 dpi
Scanning Sensor	CCD (x 2)
Light Source	LED (Light Emitting Diode)
Scanning Speed	40 ppm/80 ipm, at 300 dpi, A4/line art 40 ppm/80 ipm, at 300 dpi, A4/grayscale 40 ppm/80 ipm, at 300 dpi, A4/color (Scanning speed may vary depending on your computer spec, operating system, and software.)
Scanning Area	Max: 8.5" x 118" (216 mm x 3000 mm) Min: 1" x 1" (25.4 mm x 25.4 mm)
Paper Weight (Thickness)	8 to 32 lbs (30.08 to 120.32 g/m ²) Up to 1.3 mm (0.05") of card
Paper Size	Max: 8.85" x 118" (225 mm x 3000 mm) Min: 2.75" x 3.149" (70 mm x 80 mm)
Feeder Capacity	Up to 100 sheets of papers (17 to 18 lbs/63.75 to 67.5 g/m ²) Up to 2 pieces of 1.3 mm (0.05") cards
Separation Roller Assembly Life	150,000 scans
Feed Roller Assembly Life	100,000 scans
Duty Cycle	5,000 scans per day
Interface	Hi-Speed USB 2.0 (x 2)
Driver	TWAIN
Dimensions (W x H x D)	12.60" x 7.87" x 7.08" (320 mm x 200 mm x 180 mm)
Weight	9.26 lbs. (4.2 kg.)
Voltage	AC 100V-240V, 50-60 Hz, 1.5A max. (Input) DC 15V, 2.5A (Output)
Power Consumption	37.5 W max.
Power Supply (AC/DC adapter)	Voltage MFR Model No. AC100V to 240V HARD HDAD38W101
Environment	Operating temperature: 41° to 104°F (5° to 40°C) Relative humidity: 10% to 85%

Specifications of ArtixScan DI 6250S

Type	Sheet-fed color document scanner
Scanning Modes	Color, grayscale, and black-and-white in a single scanning pass Input: 48-bit color/16-bit grayscale/1-bit B&W Output: 24-bit color/8-bit grayscale/1-bit B&W
Optical Resolution	600 dpi
Scanning Sensor	CCD (x 2)
Light Source	LED (Light Emitting Diode)
Scanning Speed	50 ppm/100 ipm, at 300 dpi, A4/line art 50 ppm/100 ipm, at 300 dpi, A4/grayscale 50 ppm/100 ipm, at 200 dpi, A4/color (Scanning speed may vary depending on your computer spec, operating system, and software.)
Scanning Area	Max: 8.5" x 118" (216 mm x 3000 mm) Min: 1" x 1" (25.4 mm x 25.4 mm)
Paper Weight (Thickness)	8 to 32 lbs (30.08 to 120.32 g/m ²) Up to 1.3 mm (0.05") of card
Paper Size	Max: 8.85" x 118" (225 mm x 3000 mm) Min: 2.75" x 3.149" (70 mm x 80 mm)
Feeder Capacity	Up to 100 sheets of papers (17 to 18 lbs/63.75 to 67.5 g/m ²) Up to 2 pieces of 1.3 mm (0.05") cards
Separation Roller Assembly Life	150,000 scans
Feed Roller Assembly Life	100,000 scans
Duty Cycle	5,000 scans per day
Interface	Hi-Speed USB 2.0 (x 2)
Driver	TWAIN
Dimensions (W x H x D)	12.60" x 7.87" x 7.08" (320 mm x 200 mm x 180 mm)
Weight	9.26 lbs. (4.2 kg.)
Voltage	AC 100V-240V, 50-60 Hz, 1.5A max. (Input) DC 15V, 2.5A (Output)
Power Consumption	37.5 W max.
Power Supply (AC/DC adapter)	Voltage MFR Model No. AC100V to 240V HARD HDAD38W101
Environment	Operating temperature: 41° to 104°F (5° to 40°C) Relative humidity: 10% to 85%

Specifications of ArtixScan DI 6260S

Type	Sheet-fed color document scanner
Scanning Modes	Color, grayscale, and black-and-white in a single scanning pass Input: 48-bit color/16-bit grayscale/1-bit B&W Output: 24-bit color/8-bit grayscale/1-bit B&W
Optical Resolution	600 dpi
Scanning Sensor	CCD (x 2)
Light Source	LED (Light Emitting Diode)
Scanning Speed	60 ppm/120 ipm, at 300 dpi, A4/line art 60 ppm/120 ipm, at 300 dpi, A4/grayscale 60 ppm/120 ipm, at 200 dpi, A4/color (Scanning speed may vary depending on your computer spec, operating system, and software.)
Scanning Area	Max: 8.5" x 118" (216 mm x 3000 mm) Min: 1" x 1" (25.4 mm x 25.4 mm)
Paper Weight (Thickness)	8 to 32 lbs (30.08 to 120.32 g/m ²) Up to 1.3 mm (0.05") of card
Paper Size	Max: 8.85" x 118" (225 mm x 3000 mm) Min: 2.75" x 3.149" (70 mm x 80 mm)
Feeder Capacity	Up to 100 sheets of papers (17 to 18 lbs/63.75 to 67.5 g/m ²) Up to 2 pieces of 1.3 mm (0.05") cards
Separation Roller Assembly Life	150,000 scans
Feed Roller Assembly Life	100,000 scans
Duty Cycle	5,000 scans per day
Interface	Hi-Speed USB 2.0 (x 2)
Driver	TWAIN
Dimensions (W x H x D)	12.60" x 7.87" x 7.08" (320 mm x 200 mm x 180 mm)
Weight	9.26 lbs. (4.2 kg.)
Voltage	AC 100V-240V, 50-60 Hz, 1.5A max. (Input) DC 15V, 2.5A (Output)
Power Consumption	37.5 W max.
Power Supply (AC/DC adapter)	Voltage MFR Model No. AC100V to 240V HARD HDAD38W101
Environment	Operating temperature: 41° to 104°F (5° to 40°C) Relative humidity: 10% to 85%

Specifications of ArtixScan TS 630S

Type	Sheet-fed color document scanner
Scanning Modes	Color, grayscale, and black-and-white in a single scanning pass Input: 48-bit color/16-bit grayscale/1-bit B&W Output: 24-bit color/8-bit grayscale/1-bit B&W
Optical Resolution	600 dpi
Scanning Sensor	CCD (x 1)
Light Source	LED (Light Emitting Diode)
Scanning Speed	30 ppm, at 300 dpi, A4/line art 30 ppm, at 300 dpi, A4/grayscale 30 ppm, at 300 dpi, A4/color (Scanning speed may vary depending on your computer spec, operating system, and software.)
Scanning Area	Max: 8.5" x 25" (216 mm x 635 mm) Min: 1" x 1" (25.4 mm x 25.4 mm)
Paper Weight (Thickness)	8 to 32 lbs (30.08 to 120.32 g/m ²) Up to 1.3 mm (0.05") of card
Paper Size	Max: 8.85" x 25" (225 mm x 635 mm) Min: 2.75" x 3.149" (70 mm x 80 mm)
Feeder Capacity	Up to 100 sheets of papers (17 to 18 lbs/63.75 to 67.5 g/m ²) Up to 2 pieces of 1.3 mm (0.05") cards
Separation Roller Assembly Life	150,000 scans
Feed Roller Assembly Life	100,000 scans
Duty Cycle	5,000 scans per day
Interface	Hi-Speed USB 2.0 (x 2)
Driver	TWAIN
Dimensions (W x H x D)	12.60" x 7.87" x 7.08" (320 mm x 200 mm x 180 mm)
Weight	9.26 lbs. (4.2 kg.)
Voltage	AC 100V-240V, 50-60 Hz, 1.5A max. (Input) DC 15V, 2.5A (Output)
Power Consumption	37.5 W max.
Power Supply (AC/DC adapter)	Voltage MFR Model No. AC100V to 240V HARD HDAD38W101
Environment	Operating temperature: 41° to 104°F (5° to 40°C) Relative humidity: 10% to 85%